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Dongguan Lianghong Electronic Technology Co., Ltd.

LOHODIZI行政部设计印刷 ■ 4006861361

## 产品目录

# LOHODIZI<sup>®</sup> PRODUCT CATALOG



LOHODIZI 东莞市良鸿电子科技有限公司

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# LOHODIZI<sup>®</sup>

东莞市良鸿电子科技有限公司



企业简介

## Company Profile

东莞市良鸿电子科技有限公司，是国内开关电源领导品牌制造商之一，源头工厂实力商家，本公司产品通过认证有：CQC、CE、ROHS、FCC 以及 ISO9001 质量管理体系。

良鸿科技，目前拥有超过 1000 多种标准机型，包括工业电源，LED 电源，通信电源，自动化设备电源，安防电源等多场景用全系列开关电源；产品广泛应用于工业自动化（数控、激光、电控机械等）、通信（交换机、POE、基站等）、LED 照明和屏显、医疗、美容器材、安防等产业。公司拥有 1000 多平方现代化工厂，包括独立变压器车间，全自动化生产设备，先进的测试老化监控系统以及信息化的仓库管理系统，严格的质量管理系统。年产开关电源达 100 万台。

我们在北京、上海、东莞、深圳、杭州、南京、西安、成都、青岛、重庆、福州、江门、武汉、长沙、济南、沈阳、郑州、等全国大中城市建立了二十多个销售服务网点，配备了优秀的售前和售后技术服务团队，能够快速、周到地为客户提供全方位的技术支持。另外我们在欧美、韩国、泰国、香港、台湾等国家和地区设立了代理和分销商，为铸造国际化品牌打好了坚实的基础。

为了保证及时交货，公司一直保持 95/100 以上的标准库存。如果公司现有机型不能满足您的需求，我们强大的研发队伍快速按照您的需求为您开发定制，基于我们 10 余年专业的开关电源研发经验，一定能为您提供一套全面的开关电源方案，成为您长期的战略合作好搭档，

良信经营造电源新价值

鸿图大展，共创您我辉煌



## 企业资质

### 开关电源使用说明

A-B

### S ( 恒压恒流 ) 系列

30-35

### LRS 超薄单组系列

1-10

LRS 超薄 -35W 单组

1

LRS 超薄 -50W 单组

2

LRS 超薄 -75W 单组

3

LRS 超薄 -100W 单组

4

LRS 超薄 -120W 单组

5

LRS 超薄 -150W 单组

6

LRS 超薄 -200W 单组

7

LRS 超薄 -350W 单组

8

LRS 超薄 -400W 单组

9

LRS 超薄 -450W 单组

10

S ( 恒压恒流 ) 系列 -1200W

30

S ( 恒压恒流 ) 系列 -1500W

31

S ( 恒压恒流 ) 系列 -1800W

32

S ( 恒压恒流 ) 系列 -2000W

33

S ( 恒压恒流 ) 系列 -3000W

34

S ( 恒压恒流 ) 系列 -4000W

35

### EDR 导轨系列

36-42

NDR 导轨系列 -75

36

NDR 导轨系列 -120

37

NDR 导轨系列 -240

38

NDR 导轨系列 -480

39

EDR 导轨系列 -75

40

EDR 导轨系列 -120

41

EDR 导轨系列 -150

42

### S 单组恒压系列

11-29

S 系列 -15W 单组

11

S 系列 -25W 单组

12

S 系列 -35W 单组

13

S 系列 -50W 单组

14

S 系列 -60W 单组

15

S 系列 -75W 单组

16

S 系列 -100W 单组

17

S 系列 -120W 单组

18

S 系列 -145W 单组

19

S 系列 -150W 单组

20

S 系列 -200W 单组

21

S 系列 -240W 单组

22

S 系列 -250W 单组

23

S 系列 -350W 单组

24

S 系列 -400W 单组

25

S 系列 -500W 单组

26

S 系列 -600W 单组

27

S 系列 -1000W 单组

28

S 系列 -1200W 单组

29

## 开关电源使用说明

### SWITCH POWER SUPPLY INSTRUCTION

#### ● 开关电源选用，使用注意事项

- (一) 金属外壳电源的外壳一般与地 (FG) 连接，要可靠接地，以确保安全，不可误将外壳接在零线上。
- (二) 在安装完毕通电试运行之前，请再次检查和校对各接线端子上的连线，确信输入端和输出端，交流输入和直流输出，电压值和电流值等正确无误，方可通电运行。
- (三) 对于大功率的电源，一般均有二个或两个以上的“+”输出端子和“-”输出端子，实际上它们同属一个输出电极，只是为使用户接线方便，而将多个端子分别在内部并接到分流作用。
- (四) 为达到充分散热效果，一般安装在空气对流条件好的位置或安装在机箱壳体上通过壳体将热传导出去。
- (五) 电源出厂以前加阻性负载进行测试，若需用在容性或感性负载时，应事先在订货合同中加以说明。
- (六) 对于双路输出对称用负载，优先选用对称输出电源。
- (七) 对电源 FG 未接地的用户，手摸外壳或输出有麻电感觉属正常现象，浮地时 FG 对大地有 110V 左右交流电输出，这是电源内部结构决定的。
- (八) AC 输入电源的定义：

$$\text{输入电流} = \frac{\text{输出功率}}{\text{输入电压} \times \text{功率因数} \times \text{效率}}$$

(九) 三相供电零线配置：对于功率因灵敏为 0.4~0.6 的开关电源，当多台电源在三相四线制系统中以平衡的方式配置时，由于输入电流波形畸变，使零线上的电流不能相抵。因此在一般情况下，建议将零线的规格设置为相线的 1.5~2 倍。最好以实测电流方式进行配置。

(十) 泄漏电流：多台电源在使用时，共同接入一接地点，总的泄露电流是由每个单元的泄漏电流相加构成，届时要检查保护接地线的可靠性及接地电阻是否能达到要求，以免遭电击。

#### ● 部分参数说明

1、输入电压：正常情况下，交流输入的电源也可以用于直流输入。当交流输入电压范围为 85~264VAC，直流输入电压范围为 120~370VDC；当交流输入电压范围为 170~264VAC，直流输入电压范围 210~370VDC，或根据开关选择输入范围 85~132VAC/170~264VAC。

2、输入冲击：指的是电源冷启动时的最大瞬间输入电流。

3、多路输出：

(1) 在多路输出电源中所列出的电流是每路输出的最大电流，每路输出的总值均不超过系列电源额定功率范围。正常情况下，多路输出电源的 V1。输出是独立于其他几路输出。对于共地产品，只需将 V1 的 +/- 极相应端子与其他几路的其他端子相连即可。

(2) 对于多路输出的负载调整率的测试，是将被测试的那一路输出负载在额定值的 20%~100% 变化，其它各路输出负载都保持在额定值的 60% 进行。

4、输出功率：如果将输出电压调高，那么输出电流将相应减小以保持总功率不变。如果将输出电压调低时，输出电流应不超过标准额定值。

5、输出纹波与噪声：

如图 1 所示，开关电源的纹波和噪声一般情况下指总的纹波电压形成的正负峰之间的电压值，由四部份组成。

(1) 低频纹波：频率为输入 AC 电源频率的 2 倍（直流输入时无此项）。

(2) 高频纹波：频率与开关电源的内部脉冲调制 (PWM) 频率相同。

(3) 开关噪声：与开关脉冲的频率相同。

(4) 随机噪声：与交流输入电压及开关频率无关。

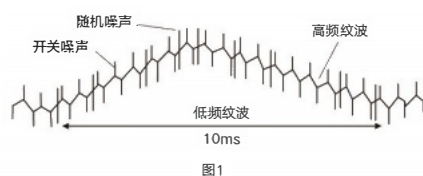


图1

6、如何测试电源输出纹波与噪声：

如图 2 所示的是测试电源输出纹波与噪声最好的方法，因其可将辐射噪声产生的影响降为最低，图 2 中所用示波器带宽为 0~20MHz。示波器探头的地线环直接接触电源的输出负端，探针与输出正端相接触。

7、工作原理：

指电源在正常工作时的环境温度，如电源安装在设备的机箱内，工作温度就指机箱内部温度，而非室内或室外温度。因此如果电源的工作温度超过额定标准，建议用户按电源功率额定值的 2%/℃减额使用或采取风冷措施以使工作温度低于额定的高工作温度。

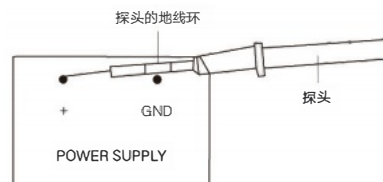


图2

#### ● 型号说明



#### ● 特点

- (1) 体积小、重量轻、安装方便；
- (2) 耐压、效率高；
- (3) 输出具有过流、过压、短路多重保护；
- (4) 可同时输出 1-4 路不同电压；
- (5) 输入 AC 电源全球适用；
- (6) 性能价格比高；
- (7) 质量近同欧美产品。



## 开关电源使用说明 SWITCH POWER SUPPLY INSTRUCTION

### ● POINTS FOR ATTENTION FOR CHOOSING SWITCH POWER

1. Connect the case of the metal-skin power to the ground to protect the safety. never connect it to the zero line carelessly
2. Check the wires to the connecting ends installation before test run, never run the machine until you make sure that power input and outlet, AC and DC, single phase and multi phase, positive and negative poles are all correct.
3. There are two or more than output ands "+" and Input ands "-" for the superpower, It actually belongs to the same output electric pole with many ends connected together inside for the convenience of the users.
4. For the most cufficient radiation result, it is best to positioned at a place with good air convection condition or on the case of the machine box to send the heat through the case.
5. The power is tested with resistance load before leaving the factory. For capacitive and load, It should be pre-noticed in the ordering contract.
6. The switching output power is especially suitable for capacitive load.
7. It is normal to have a tingle while touching the case or at the time of output for the users whose power FG hasn't been connected to the ground. It is the result of the inside power structure when there is about 110VAC output to the ground while floating.
8. The Definition of Ac Input power.

$$\text{Input current} = \frac{\text{Output power}}{\text{Input voltage} \times \text{powerfactor} \times \text{efficiency}}$$

9. Allocation of neutral lines : For power supplies with power factor 0.4~0.6. When several sets of power supplies used in 3. Phase. 4-line input system. the current of the neutral line cannot be offset because of the distortion of the input current wave. Therefore, in normal circumstances, we suggest that the neutral line should be allocated as 1.5~2 times the cross sectional area of the hot line.
10. Leakage power : the power of multiple, common intake of a ground point, the total leakage current is the leakage current of each unit by adding together. check to protect the reliability of the grounding wire and grounding resistance can meet the requirements to prevent electric shock.

### ● 部分参数说明

1. Input voltage : Normally, power supplies with AC input can also be applied to DC Input. The DC input voltage range shall be 120~370VDC when the AC Input voltage range is 85~264 VAC; and 210~370VDC when the AC Input voltage ranges 170~264VAC, or 85~132VAC/170~264VAC selected by switch.
2. Input Inrush current : Is the maximum peak current when cold start of the power supply.
3. Multi-output power supplies :
  - (1) For powers supplies with multi-output, it shows the maximum output current of each output But the total power of all outputs shall be with the rated power of the series.
  - (2) For multi-output products, normally V1 is isolated from the other output(s). To make is common granded, just connect+/- (accordingly) of V1 with the common connector of the other output(s).
4. Output power. If the output voltage is increased, the output current should be lowered to keep the constarrt power, While If the output voltage is decreased. The output current cannot exceed the rated value.
5. Output ripple and noise :
 

As shown in fig.1, the ripple and nose of a seitching power supply is normally specified the peak to peak amplitude, and is made up of four AC components which can be identified:

  - (1) Low frequency ripple at 2f being of the AC mains for frequency.
  - (2) High frequency ripple due to pulse width Modulation (PWM) to obtain the required line and foad regulation.
  - (3) The selfching noise that has the same frequency of the switching PWM.
  - (4) The aperiodic random noise that is not related to the AC source frequency and/or the switching frequency.
6. How to test output ripple and noise of power supplise :

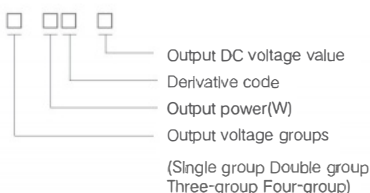
Fig2 shows the best method for testing out put ripple and noise of power supplise because the collection of the radiated noise is minimized.

As shown in fig.2, test by an oscilloscope with a bandwidth of 20MHz.

The ground ring of the probe is pressed directly against the output ground of the power supply and the tip is in contact with the output voltage pin. Care must be taken when using the scope probe.

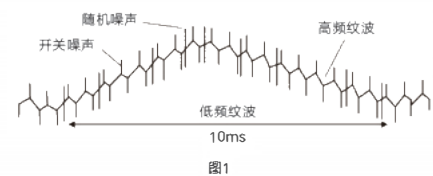
7. Operating temperature: means the surrounding temperature of the power supply when it is working . If it is installed inside the case of art equipent, it means the tempernture of the case inside, not the indoor or outdoor temperature. Therefore, If the operating temperature exceeds rned standatd, we suggest that the practical llsable pweer should be derated by 2%/°C from the rated value of necessary cooling measvtements should be taking to meet the required perating temperature.

### ● 型号说明



### ● 特点

- (1) Light volume and weight and easy to install;
- (2) Pressure resistance and high efficiency;
- (3) Multi-protection such as over-flow, over-voltage and short-circuit protection;
- (4) Varous output voltage of circuit from 1 to 4 at the same time.
- (5) Input AC power is suitable for global use.
- (6) High property price.
- (7) High quality the same to that of the products of Europe and America.



LRS 超薄 -35W 单组  
LRS ULTRA-THIN -35W SINGLE GROUP



● 概述 Application

单组输出：功率35W  
输入电压：85-264VAC

Single output：35W power  
Input voltage：85-264VAC

● 技术参数 Technical Parameters

| 技术性能 Technical performance |                          | 技术指标 Technical Index                                                                                                                                       |            |            |            |
|----------------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|------------|
| 型号                         | Model                    | LRS-35-5                                                                                                                                                   | LRS-35-12  | LRS-35-24  | LRS-35-48  |
| 直流输出电压、额定电流                | DC Voltage、Rated Current | 5V、7A                                                                                                                                                      | 12V、3A     | 24V、1.5A   | 48V、0.8A   |
| 纹波 & 噪音（最大）                | Ripple & Noise(Max)      | 100mVp-p                                                                                                                                                   | 120mVp-p   | 150mVp-p   | 200mVp-p   |
| 线性调整率                      | Line Regulation          | ± 0.5%                                                                                                                                                     | ± 0.5%     | ± 0.5%     | ± 0.5%     |
| 负载调整率                      | Load Regulation          | ± 1%                                                                                                                                                       | ± 0.5%     | ± 0.5%     | ± 0.5%     |
| 效率                         | Efficiency               | 81%                                                                                                                                                        | 85%        | 88%        | 89%        |
| 电压调整范围                     | Voltage Adj.range        | ± 10%                                                                                                                                                      | ± 10%      | ± 10%      | ± 10%      |
| 输入电压范围                     | Input Voltage Range      | 85-264VAC                                                                                                                                                  |            |            |            |
| 冲击电流                       | Inrush Current           | 42A/230VAC 冷启动电流 Cold-Start Current                                                                                                                        |            |            |            |
| 过载保护                       | Overload Protection      | 额定功率的 110%-150%，保护模式：打嗝保护，异常条件移除后自动恢复<br>110%-150% rated output power，Protection type:Hiccup mode, recovers automatically after fault condition is removed |            |            |            |
| 过电压保护                      | Overvoltage Protection   | 5.75-6.9V                                                                                                                                                  | 13.8-16.2V | 28.8-33.6V | 55.2-64.8V |
|                            |                          | 保护模式：关断输出电压，异常条件移除后自动恢复<br>Protection type:Shut down o/p voltage, re-power on to recover                                                                   |            |            |            |
| 启动 & 上升时间                  | Start, Rise Time         | 1500ms 30ms/230VAC 2000ms 30ms/115VAC                                                                                                                      |            |            |            |
| 耐压                         | Withstand Voltage        | 输入对输出：1.5KVAC，输入对外壳：1.5KVAC，输出对外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1minute                                                     |            |            |            |
| 绝缘阻抗                       | Isolation Resistance     | 输入对输出，输入对外壳，输出对外壳：100M Ohms/500VDC/25℃/70% RH<br>I/P-O/P, I/P-FG, O/P-FG: 100M Ohms/500VDC/25℃/70%RH                                                       |            |            |            |
| 工作温度、湿度                    | Working Temp, Humidity   | -10℃ ~+60℃，20%~90%RH                                                                                                                                       |            |            |            |
| 安全标准                       | Safety Standard          | 符合 GB4943 Compliance to GB4943                                                                                                                             |            |            |            |
| EMC 标准                     | EMC Standard             | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                        |            |            |            |
| 重量                         | Weight                   | 0.18Kg                                                                                                                                                     |            |            |            |

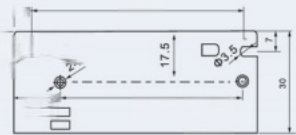
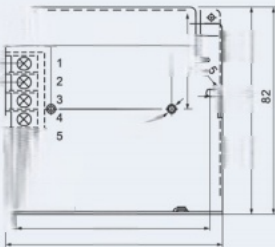
● 外形尺寸 Overall Dimension(mm)

接线位置

端口 1：直流输出 +V  
端口 2：直流输出 -V  
端口 3：接地 ⊕  
端口 4.5：交流输入

Terminal pin no.Assignment

Pin1：DC output +V  
Pin2：DC output -V  
Pin3：FG ⊕  
Pin4.5：AC input





LRS 超薄 –50W 单组

LRS ULTRA-THIN –50W SINGLE GROUP



● 概述 Application

单组输出：功率50W

输入电压：85-264VAC

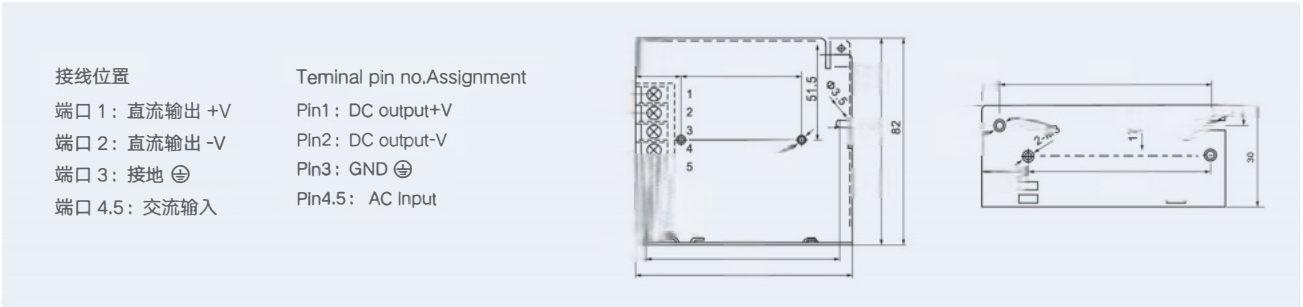
Single output：50W power

Input voltage：85-264VAC

● 技术参数 Technical Parameters

| 技术性能 Technical performance |                          | 技术指标 Technical Index                                                                                                                                       |            |            |            |
|----------------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|------------|
| 型号                         | Model                    | LRS-50-5                                                                                                                                                   | LRS-50-12  | LRS-50-24  | LRS-50-48  |
| 直流输出电压、额定电流                | DC Voltage、Rated Current | 5V、10A                                                                                                                                                     | 12V、4.2A   | 24V、2.2A   | 48V、1.1A   |
| 纹波 & 噪音（最大）                | Ripple & Noise(Max)      | 100mVp-p                                                                                                                                                   | 120mVp-p   | 150mVp-p   | 200mVp-p   |
| 线性调整率                      | Line Regulation          | ± 0.5%                                                                                                                                                     | ± 0.5%     | ± 0.5%     | ± 0.5%     |
| 负载调整率                      | Load Regulation          | ± 1%                                                                                                                                                       | ± 0.5%     | ± 0.5%     | ± 0.5%     |
| 效率                         | Efficiency               | 81%                                                                                                                                                        | 85%        | 88%        | 89%        |
| 电压调整范围                     | Voltege Adj.range        | ± 10%                                                                                                                                                      | ± 10%      | ± 10%      | ± 10%      |
| 输入电压范围                     | Input Voltage Range      | 85-264VAC                                                                                                                                                  |            |            |            |
| 冲击电流                       | Inrush Current           | 42A/230VAC 冷启动电流 Cold-Start Current                                                                                                                        |            |            |            |
| 过载保护                       | Overload Protection      | 额定功率的 110%-150%，保护模式：打嗝保护，异常条件移除后自动恢复<br>110%-150% rated output power，Protection type:Hiccup mode, recovers automatically after fault condition is removed |            |            |            |
| 过电压保护                      | Overvoltage Protection   | 5.75-6.9V                                                                                                                                                  | 13.8-16.2V | 28.8-33.6V | 55.2-64.8V |
|                            |                          | 保护模式：关断输出电压，异常条件移除后自动恢复<br>Protection type:Shut down o/p voltage, re-power on to recover                                                                   |            |            |            |
| 启动 & 上升时间                  | Start, Rise Time         | 1500ms 30ms/230VAC 2000ms 30ms/115VAC                                                                                                                      |            |            |            |
| 耐压                         | Withstand Voltage        | 输入对输出：1.5KVAC，输入对外壳：1.5KVAC，输出对外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1minute                                                     |            |            |            |
| 绝缘阻抗                       | Isolation Resistance     | 输入对输出，输入对外壳，输出对外壳：100M Ohms/500VDC/25℃/70% RH<br>I/P-O/P, I/P-FG, O/P-FG: 100M Ohms/500VDC/25℃/70%RH                                                       |            |            |            |
| 工作温度、湿度                    | Working Temp, Humldity   | -10℃ ~+60℃，20%~90%RH                                                                                                                                       |            |            |            |
| 安全标准                       | Safety Standard          | 符合 GB4943 Compliance to GB4943                                                                                                                             |            |            |            |
| EMC 标准                     | EMC Standard             | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                        |            |            |            |
| 重量                         | Weight                   | 0.22Kg                                                                                                                                                     |            |            |            |

● 外形尺寸 Overall Dimension(mm)



## LRS ULTRA-THIN -75W SINGLE GROUP



输入电压: 85-264VAC

Input voltage: 85-264VAC

| 技术性能 Technical performance |                          | 技术指标 Technical Index                                                                                                                                        |            |            |            |
|----------------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|------------|
| 型号                         | Model                    | LRS-75-5                                                                                                                                                    | LRS-75-12  | LRS-75-24  | LRS-75-48  |
| 直流输出电压、额定电流                | DC Voltage、Rated Current | 5V、14A                                                                                                                                                      | 12V、6A     | 24V、3.2A   | 48V、1.6A   |
| 纹波 & 噪音（最大）                | Ripple & Noise(Max)      | 100mVp-p                                                                                                                                                    | 120mVp-p   | 150mVp-p   | 200mVp-p   |
| 线性调整率                      | Line Regulation          | ±0.5%                                                                                                                                                       | ±0.5%      | ±0.5%      | ±0.5%      |
| 负载调整率                      | Load Regulation          | ±1%                                                                                                                                                         | ±0.5%      | ±0.5%      | ±0.5%      |
| 效率                         | Efficiency               | 86.5%                                                                                                                                                       | 89%        | 90%        | 91.5%      |
| 电压调整范围                     | Voltege Adj.range        | ±10%                                                                                                                                                        | ±10%       | ±10%       | ±10%       |
| 输入电压范围                     | Input Voltage Range      | 85-264VAC                                                                                                                                                   |            |            |            |
| 冲击电流                       | Inrush Current           | 42A/230VAC 冷启动电流 Cold-Start Current                                                                                                                         |            |            |            |
| 过载保护                       | Overload Protection      | 额定功率的 110%-150%，保护模式：打嗝保护，异常条件移除后自动恢复<br>110%-150% rated output power, Protection type:Hiccup mode, recovers automatically after fault condition is removed |            |            |            |
| 过电压保护                      | Overvoltage Protection   | 5.75-6.9V                                                                                                                                                   | 13.8-16.2V | 28.8-33.6V | 55.2-64.8V |
|                            |                          | 保护模式：关断输出电压，异常条件移除后自动恢复<br>Protection type:Shut down o/p voltage, re-power on to recover                                                                    |            |            |            |
| 启动 & 上升时间                  | Start, Rise Time         | 1500ms 30ms/230VAC 2000ms 30ms/115VAC                                                                                                                       |            |            |            |
| 耐压                         | Withstand Voltage        | 输入对输出：1.5KVAC，输入对外壳：1.5KVAC，输出对外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1minute                                                      |            |            |            |
| 绝缘阻抗                       | Isolation Resistance     | 输入对输出，输入对外壳，输出对外壳：100M Ohms/500VDC/25℃/70% RH<br>I/P-O/P, I/P-FG, O/P-FG: 100M Ohms/500VDC/25℃/70%RH                                                        |            |            |            |
| 工作温度、湿度                    | Working Temp, Humidity   | -10℃ ~+60℃，20%~90%RH                                                                                                                                        |            |            |            |
| 安全标准                       | Safety Standard          | 符合 GB4943 Compliance to GB4943                                                                                                                              |            |            |            |
| EMC 标准                     | EMC Standard             | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                         |            |            |            |
| 重量                         | Weight                   | 0.22Kg                                                                                                                                                      |            |            |            |



LRS 超薄 –100W 单组  
LRS ULTRA-THIN –100W SINGLE GROUP



● 概述 Application

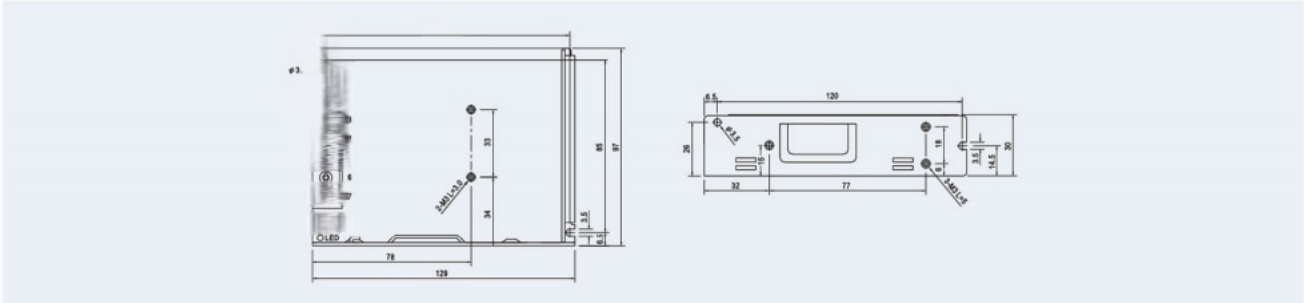
单组输出：功率100W  
输入电压：85-264VAC

Single ou:put : 100W power  
Input voltage: 85-264VAC

● 技术参数 Technical Parameters

| 技术性能 Technical performance |                          | 技术指标 Technical Index                                                                                                                                         |            |            |            |
|----------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|------------|
| 型号                         | Model                    | LRS-100-5                                                                                                                                                    | LRS-100-12 | LRS-100-24 | LRS-100-48 |
| 直流输出电压、额定电流                | DC Vol:age、Rated Current | 5V、18A                                                                                                                                                       | 12V、8.5A   | 24V、4.5A   | 48V、2.3A   |
| 纹波 & 噪音（最大）                | Ripple & Noise(Max)      | 100mVp-p                                                                                                                                                     | 120mVp-p   | 150mVp-p   | 200mVp-p   |
| 线性调整率                      | Line Regulation          | ± 0.5%                                                                                                                                                       | ± 0.5%     | ± 0.5%     | ± 0.5%     |
| 负载调整率                      | Load Regulation          | ± 1%                                                                                                                                                         | ± 0.5%     | ± 0.5%     | ± 0.5%     |
| 效率                         | Efficiency               | 85%                                                                                                                                                          | 88%        | 90%        | 91%        |
| 电压调整范围                     | Voltege Adj.range        | ± 10%                                                                                                                                                        | ± 10%      | ± 10%      | ± 10%      |
| 输入电压范围                     | Input Voltage Range      | 85-264VAC                                                                                                                                                    |            |            |            |
| 冲击电流                       | Ihrush Current           | 42A/230VAC 冷启动电流 Cold-Start Current                                                                                                                          |            |            |            |
| 过载保护                       | Overload Protection      | 额定功率的 110%-150%，保护模式：打嗝保护，异常条件移除后自动恢复<br>110%-150% rated output power , Protection type:Hiccup mode, recovers automatically after fault condition is removed |            |            |            |
| 过电压保护                      | Overvoltage Protection   | 115%~145%<br>保护模式：关断输出电压，异常条件移除后自动恢复<br>Protection type:Shut down o/p voltage, re-power on to recover                                                        |            |            |            |
| 启动 & 上升时间                  | Start, Rise Time         | 1500ms 30ms/230VAC 2000ms 30ms/115VAC                                                                                                                        |            |            |            |
| 耐压                         | With:stand Voltage       | 输入对输出：1.5KVAC，输入对外壳：1.5KVAC，输出对外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1minute                                                       |            |            |            |
| 绝缘阻抗                       | Isolation Resistance     | 输入对输出，输入对外壳，输出对外壳：100M Ohms/500VDC/25℃/70%RH<br>RH I/P-O/P, I/P-FG, O/P-FG: 100M Ohms/500VDC/25℃/70%RH                                                       |            |            |            |
| 工作温度、湿度                    | Working Temp、humidity    | -10℃ ~+60℃，20%~90%RH                                                                                                                                         |            |            |            |
| 安全标准                       | Safety Standard          | 符合 GB4943 Compliance to GB4943                                                                                                                               |            |            |            |
| EMC 标准                     | EMC Standard             | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                          |            |            |            |
| 重量                         | Weight                   | 0.34Kg                                                                                                                                                       |            |            |            |

● 外形尺寸 Overall Dimension(mm)



LRS 超薄 –120W 单组  
LRS ULTRA-THIN –120W SINGLE GROUP



● 概述 Application

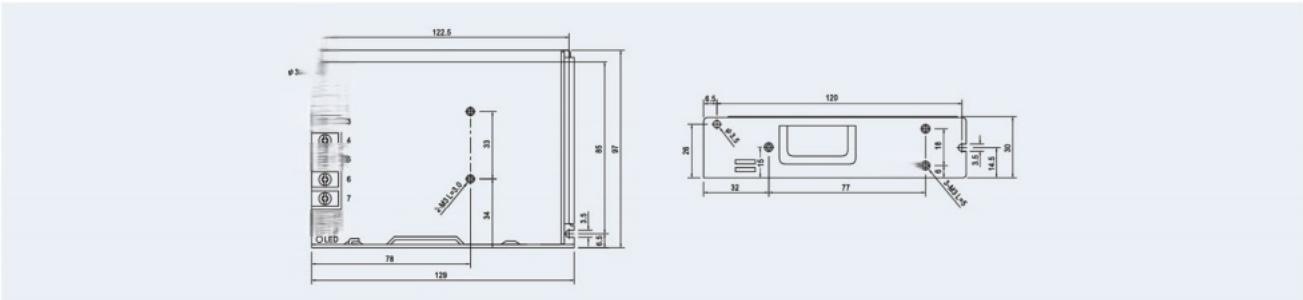
单组输出：功率120W  
输入电压：85-264VAC

Single output: 120W power  
Input voltage: 85-264VAC

● 技术参数 Technical Parameters

| 技术性能 Technical performance |                          | 技术指标 Technical Index                                                                                                                                        |            |            |            |
|----------------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|------------|
| 型号                         | Model                    | LRS-120-5                                                                                                                                                   | LRS-120-12 | LRS-120-24 | LRS-120-48 |
| 直流输出电压、额定电流                | DC Voltage、Rated Current | 5V、20A                                                                                                                                                      | 12V、10A    | 24V、5A     | 48V、2.5A   |
| 纹波 & 噪音（最大）                | Ripple & Noise(Max)      | 100mVp-p                                                                                                                                                    | 120mVp-p   | 150mVp-p   | 200mVp-p   |
| 线性调整率                      | Line Regulation          | ± 0.5%                                                                                                                                                      | ± 0.5%     | ± 0.5%     | ± 0.5%     |
| 负载调整率                      | Load Regulation          | ± 1%                                                                                                                                                        | ± 0.5%     | ± 0.5%     | ± 0.5%     |
| 效率                         | Efficiency               | 86%                                                                                                                                                         | 88%        | 90%        | 91%        |
| 电压调整范围                     | Voltege Adj.range        | ± 10%                                                                                                                                                       | ± 10%      | ± 10%      | ± 10%      |
| 输入电压范围                     | Input Voltage Range      | 85-264VAC                                                                                                                                                   |            |            |            |
| 冲击电流                       | Inrush Current           | 42A/230VAC 冷启动电流 Cold-Start Current                                                                                                                         |            |            |            |
| 过载保护                       | Overload Protection      | 额定功率的 110%-150%，保护模式：打嗝保护，异常条件移除后自动恢复<br>110%-150% rated output power, Protection type:Hiccup mode, recovers automatically after fault condition is removed |            |            |            |
| 过电压保护                      | Overvoltage Protection   | 115%~145%<br>保护模式：关断输出电压，异常条件移除后自动恢复<br>Protection type:Shut down o/p voltage, re-power on to recover                                                       |            |            |            |
| 启动 & 上升时间                  | Start, Rise Time         | 1500ms 30ms/230VAC 2000ms 30ms/115VAC                                                                                                                       |            |            |            |
| 耐压                         | Withstand Voltage        | 输入对输出：1.5KVAC，输入对外壳：1.5KVAC，输出对外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1minute                                                      |            |            |            |
| 绝缘阻抗                       | Isolation Resistance     | 输入对输出，输入对外壳，输出对外壳：100M Ohms/500VDC/25℃/70% RH<br>I/P-O/P, I/P-FG, O/P-FG, 100M Ohms/500VDC/25℃/70%RH                                                        |            |            |            |
| 工作温度、湿度                    | Working Temp, Humldity   | -10℃ ~+60℃, 20%~90%RH                                                                                                                                       |            |            |            |
| 安全标准                       | Safety Standard          | 符合 GB4943 Compliance to GB4943                                                                                                                              |            |            |            |
| EMC 标准                     | EMC Standard             | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                         |            |            |            |
| 重量                         | Weight                   | 0.34Kg                                                                                                                                                      |            |            |            |

● 外形尺寸 Overall Dimension(mm)



## LRS 超薄 –150W 单组

### LRS ULTRA-THIN –150W SINGLE GROUP



#### ● 概述 Application

单组输出：功率 150W

输入电压：110VAC/220VAC ± 20% 开关选择

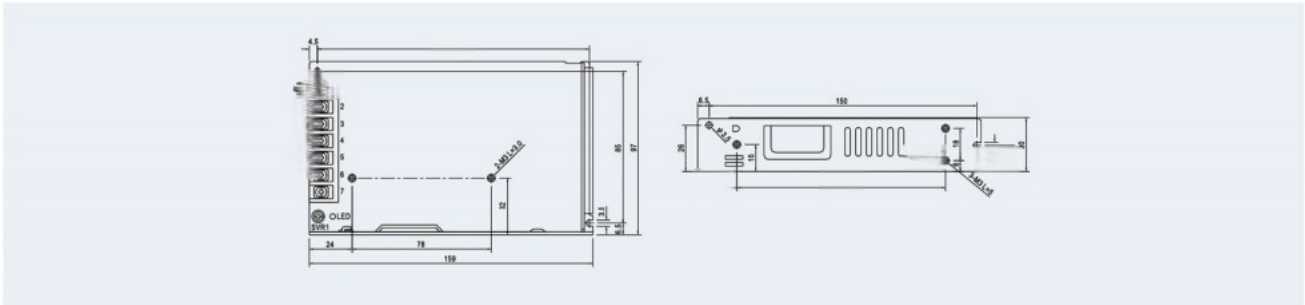
Single output: 150W power

Input voltage: 110VAC/220VAC ± 20% Switch to choose

#### ● 技术参数 Technical Parameters

| 支技术性能 Technical performance |                          | 支技术指标 Technical Index                                                                                                                                       |            |            |            |
|-----------------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|------------|
| 型号                          | Model                    | LRS-150-12                                                                                                                                                  | LRS-150-24 | LRS-150-36 | LRS-150-48 |
| 直流输出电压、额定电流                 | DC Voltage、Rated Current | 12V、12.5A                                                                                                                                                   | 24V、6.5A   | 36V、4.3A   | 48V、3.3A   |
| 纹波 & 噪音（最大）                 | Ripple & Noise(Max)      | 150mVp-p                                                                                                                                                    | 200mVp-p   | 200mVp-p   | 200mVp-p   |
| 线性调整率                       | Line Regulation          | ± 0.5%                                                                                                                                                      | ± 0.5%     | ± 0.5%     | ± 0.5%     |
| 负载调整率                       | Load Regulation          | ± 0.5%                                                                                                                                                      | ± 0.5%     | ± 0.5%     | ± 0.5%     |
| 效率                          | Efficiency               | 87%                                                                                                                                                         | 89%        | 89%        | 90%        |
| 电压调整范围                      | Voltage Adj.range        | ± 10%                                                                                                                                                       | ± 10%      | ± 10%      | ± 10%      |
| 输入电压范围                      | Input Voltage Range      | 90~132VAC /180~264VAC（通过开关选择）                                                                                                                               |            |            |            |
| 冲击电流                        | Inrush Current           | 42A/230VAC 冷启动电流 Cold-Start Current                                                                                                                         |            |            |            |
| 过载保护                        | Overload Protection      | 额定功率的 110%-150%，保护模式：打嗝保护，异常条件移除后自动恢复<br>110%-150% rated output power, Protection type:Hiccup mode, recovers automatically after fault condition is removed |            |            |            |
| 过电压保护                       | Overvoltage Protection   | 115%~145%<br>保护模式：关断输出电压，异常条件移除后自动恢复<br>Protection type: shut down o/p voltage, re-power on to recover                                                      |            |            |            |
| 启动 & 上升时间                   | Start, Rise Time         | 1500ms 30ms/230VAC 2000ms 30ms/115VAC                                                                                                                       |            |            |            |
| 耐压                          | Withstand Voltage        | 输入对输出：1.5KVAC，输入对外壳：1.5KVAC，输出对外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1minute                                                      |            |            |            |
| 绝缘阻抗                        | Isolation Resistance     | 输入对输出，输入对外壳，输出对外壳：100M Ohms/500VDC/25°C/70% RH<br>I/P-O/P, I/P-FG, O/P-FG: 100M Ohms/500VDC/25°C/70%RH                                                      |            |            |            |
| 工作温度、湿度                     | Working Temp, Humidity   | -10°C ~+60°C, 20%~90%RH                                                                                                                                     |            |            |            |
| 安全标准                        | Safety Standard          | 符合 GB4943 Compliance to GB4943                                                                                                                              |            |            |            |
| EMC 标准                      | EMC Standard             | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                         |            |            |            |
| 重量                          | Weight                   | 0.48Kg                                                                                                                                                      |            |            |            |

#### ● 外形尺寸 Overall Dimension(mm)





LRS 超薄 –200W 单组  
LRS ULTRA-THIN -200W SINGLE GROUP



● 概述 Application

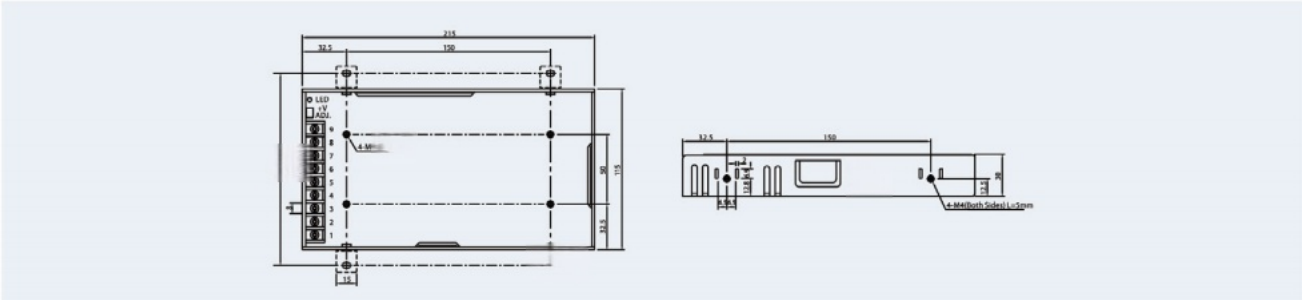
单组输出：功率 200W  
输入电压：110VAC/220VAC ± 20%

Single output: 200W power  
Input voltage: 110VAC/220VAC ± 20%

● 技术参数 Technical Parameters

| 技术性能 Technical performance |                          | 技术指标 Technical Index                                                                                                                                         |            |            |            |
|----------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|------------|
| 型号                         | Model                    | LRS-200-12                                                                                                                                                   | LRS-200-24 | LRS-200-36 | LRS-200-48 |
| 直流输出电压、额定电流                | DC Voltage、Rated Current | 12V、17A                                                                                                                                                      | 24V、8.8A   | 36V、5.9A   | 48V、4.4A   |
| 纹波 & 噪音（最大）                | Ripple & Noise(Max)      | 150mVp-p                                                                                                                                                     | 150mVp-p   | 150mVp-p   | 200mVp-p   |
| 线性调整率                      | Line Regulation          | ± 0.5%                                                                                                                                                       | ± 0.5%     | ± 0.5%     | ± 0.5%     |
| 负载调整率                      | Load Regulation          | ± 1%                                                                                                                                                         | ± 0.5%     | ± 0.5%     | ± 0.5%     |
| 效率                         | Efficiency               | 87%                                                                                                                                                          | 88%        | 90%        | 91%        |
| 电压调整范围                     | Vollege Adj.range        | ± 10%                                                                                                                                                        | ± 10%      | ± 10%      | ± 10%      |
| 输入电压范围                     | Input Voltage Range      | 90–132VAC /180–264VAC（通过开关选择）                                                                                                                                |            |            |            |
| 冲击电流                       | Inrush Current           | 60A/230VAC 冷启动电流 Cold-Start Current                                                                                                                          |            |            |            |
| 过载保护                       | Overload Protection      | 额定功率的 110%-150%，保护模式：打嗝保护，异常条件移除后自动恢复<br>110%-150% rated output power , Protection type:Hiccup mode, recovers automatically after fault condition is removed |            |            |            |
| 过电压保护                      | Overvoltage Protection   | 115%~145%<br>保护模式：关断输出电压，异常条件移除后自动恢复<br>Protection type:Shut down o/p voltage, re-power on to recover                                                        |            |            |            |
| 启动 & 上升时间                  | Start, Rise Time         | 2000ms 30ms/230VAC 2000ms 30ms/115VAC                                                                                                                        |            |            |            |
| 耐压                         | Withstand Voltage        | 输入对输出：1.5KVAC，输入对外壳：1.5KVAC，输出对外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1minute                                                       |            |            |            |
| 绝缘阻抗                       | Isolation Resistance     | 输入对输出，输入对外壳，输出对外壳：100M Ohms/500VDC/25℃/70% RH I/P-O/P, I/P-FG, O/P-FG: 100M Ohms/500VDC/25℃/70%RH                                                            |            |            |            |
| 工作温度、湿度                    | Working Temp, Humldity   | -10℃ ~+60℃，20%~90%RH                                                                                                                                         |            |            |            |
| 安全标准                       | Safety Standard          | 符合 GB4943 Compliance to GB4943                                                                                                                               |            |            |            |
| EMC 标准                     | EMC Standard             | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                          |            |            |            |
| 重量                         | Weight                   | 0.55Kg                                                                                                                                                       |            |            |            |

● 外形尺寸 Overall Dimension(mm)



LRS 超薄 -350W 单组  
LRS ULTRA-THIN -350W SINGLE GROUP



● 概述 Application

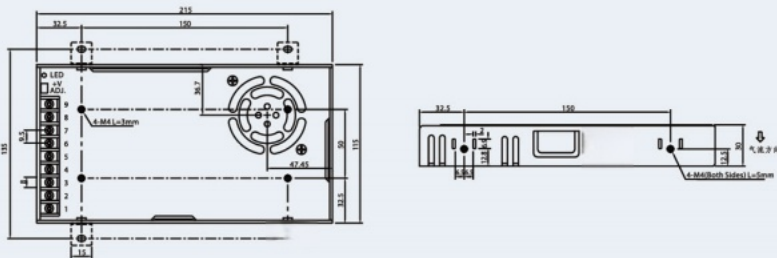
单组输出：功率 350W  
输入电压：110VAC/220VAC ± 20% 开关选择

Single output：350W power  
Input voltage：110VAC/220VAC ± 20% Switch to choose

● 技术参数 Technical Parameters

| 技术性能 Technical performance |                          | 技术指标 Technical Index                                                                                                                                        |            |            |            |
|----------------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|------------|
| 型号                         | Model                    | LRS-350-12                                                                                                                                                  | LRS-350-24 | LRS-350-36 | LRS-350-48 |
| 直流输出电压、额定电流                | DC Voltage、Rated Current | 12V、29A                                                                                                                                                     | 24V、14.6A  | 36V、9.7A   | 48V、7.3A   |
| 纹波 & 噪音（最大）                | Ripple & Noise(Max)      | 150mVp-p                                                                                                                                                    | 200mVp-p   | 200mVp-p   | 200mVp-p   |
| 线性调整率                      | Line Regulation          | ± 0.5%                                                                                                                                                      | ± 0.5%     | ± 0.5%     | ± 0.5%     |
| 负载调整率                      | Load Regulation          | ± 1%                                                                                                                                                        | ± 0.5%     | ± 0.5%     | ± 0.5%     |
| 效率                         | Efficiency               | 87%                                                                                                                                                         | 88%        | 90%        | 91%        |
| 电压调整范围                     | Voltege Adj.range        | ± 10%                                                                                                                                                       | ± 10%      | ± 10%      | ± 10%      |
| 输入电压范围                     | Input Voltage Range      | 90~132VAC /180~264VAC（通过开关选择）                                                                                                                               |            |            |            |
| 冲击电流                       | Inrush Current           | 60A/230VAC 冷启动电流 Cold-Start Current                                                                                                                         |            |            |            |
| 过载保护                       | Overload Protection      | 额定功率的 110%-150%，保护模式：打嗝保护，异常条件移除后自动恢复<br>110%-150% rated output power, Protection type:Hiccup mode, recovers automatically after fault condition is removed |            |            |            |
| 过电压保护                      | Overvoltage Protection   | 115%~145%<br>保护模式：关断输出电压，异常条件移除后自动恢复<br>Protection type:Shut down o/p voltage, re-power on to recover                                                       |            |            |            |
| 启动 & 上升时间                  | Start, Rise Time         | 2000ms 30ms/230VAC 2000ms 30ms/115VAC                                                                                                                       |            |            |            |
| 耐压                         | Withstand Voltage        | 输入对输出：1.5KVAC，输入对外壳：1.5KVAC，输出对外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1minute                                                      |            |            |            |
| 绝缘阻抗                       | Isolation Resistance     | 输入对输出，输入对外壳，输出对外壳：100M Ohms/500VDC/25°C/70% RH<br>I/P-O/P, I/P-FG, O/P-FG: 100M Ohms/500VDC/25°C/70%RH                                                      |            |            |            |
| 工作温度、湿度                    | Working Temp, Humldity   | -10°C ~+60°C, 20%~90%RH                                                                                                                                     |            |            |            |
| 安全标准                       | Safety Standard          | 符合 GB4943 Compliance to GB4943                                                                                                                              |            |            |            |
| EMC 标准                     | EMC Standard             | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                         |            |            |            |
| 重量                         | Neight                   | 0.76Kg                                                                                                                                                      |            |            |            |

● 外形尺寸 Overall Dimension(mm)



LRS 超薄-400W 单组  
LRS ULTRA-THIN -400W SINGLE GROUP



● 概述 Application

单组输出：功率400W

输入电压：110VAC/220VAC ± 20%开关选择

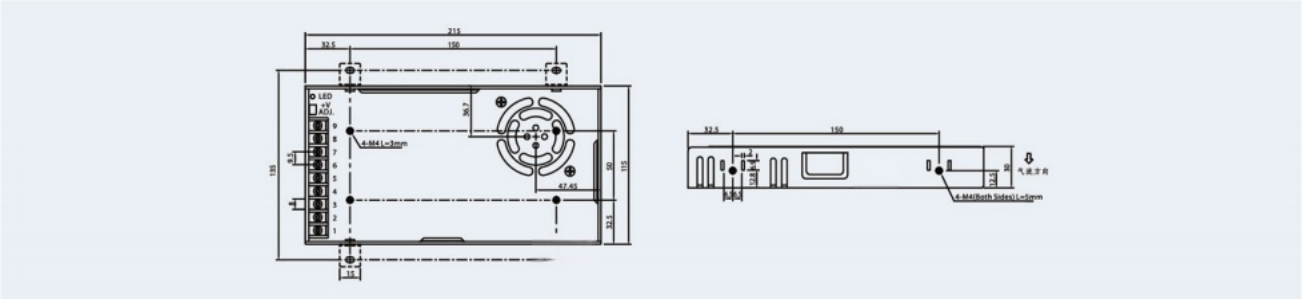
Single output：400W power

Input voltage：110VAC/220VAC ± 20%Switch to choose

● 技术参数 Technical Parameters

| 技术性能 Technical performance |                          | 技术指标 Technical Index                                                                                                                                       |            |            |            |
|----------------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|------------|
| 型号                         | Model                    | LRS-400-12                                                                                                                                                 | LRS-400-24 | LRS-400-36 | LRS-400-48 |
| 直流输出电压、额定电流                | DC Voltage、Rated Current | 12V、33A                                                                                                                                                    | 24V、16.7A  | 36V、11A    | 48V、8.5A   |
| 纹波 & 噪音（最大）                | Ripple & Noise(Max)      | 150mVp-p                                                                                                                                                   | 200mVp-p   | 200mVp-p   | 200mVp-p   |
| 线性调整率                      | Line Regulation          | ± 0.5%                                                                                                                                                     | ± 0.5%     | ± 0.5%     | ± 0.5%     |
| 负载调整率                      | Load Regulation          | ± 1%                                                                                                                                                       | ± 0.5%     | ± 0.5%     | ± 0.5%     |
| 效率                         | Efficiency               | 87%                                                                                                                                                        | 88%        | 90%        | 91%        |
| 电压调整范围                     | Voltege Adj.range        | ± 10%                                                                                                                                                      | ± 10%      | ± 10%      | ± 10%      |
| 输入电压范围                     | Input Voltage Range      | 90~132VAC /180~264VAC（通过开关选择）                                                                                                                              |            |            |            |
| 冲击电流                       | Inrush Current           | 60A/230VAC 冷启动电流 Cold-Start Current                                                                                                                        |            |            |            |
| 过载保护                       | Overload Protection      | 额定功率的 110%-150%，保护模式：打嗝保护，异常条件移除后自动恢复<br>110%-150% rated output power，Protection type:Hiccup mode, recovers automatically after fault condition is removed |            |            |            |
| 过电压保护                      | Overvoltage Protection   | 115%~145%<br>保护模式：关断输出电压，异常条件移除后自动恢复<br>Protection type:Shut down o/p voltage, re-power on to recover                                                      |            |            |            |
| 启动 & 上升时间                  | Start, Rise Time         | 2000ms 30ms/230VAC 2000ms 30ms/115VAC                                                                                                                      |            |            |            |
| 耐压                         | Withstand Voltage        | 输入对输出：1.5KVAC，输入对外壳：1.5KVAC，输出对外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1minute                                                     |            |            |            |
| 绝缘阻抗                       | Isolation Resistance     | 输入对输出，输入对外壳，输出对外壳：100M Ohms/500VDC/25℃/70% RH I/P-O/P, I/P-FG, O/P-FG: 100M Ohms/500VDC/25℃/70%RH                                                          |            |            |            |
| 工作温度、湿度                    | Working Temp, Humidity   | -10℃ ~+60℃，20%~90%RH                                                                                                                                       |            |            |            |
| 安全标准                       | Safety Standard          | 符合 GB4943 Compliance to GB4943                                                                                                                             |            |            |            |
| EMC 标准                     | EMC Standard             | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                        |            |            |            |
| 重量                         | Weight                   | 0.78Kg                                                                                                                                                     |            |            |            |

● 外形尺寸 Overall Dimension(mm)





LRS 超薄-450W 单组

LRS ULTRA-THIN -450W SINGLE GROUP



● 概述 Application

单组输出：功率450W

输入电压：110VAC/220VAC ± 20%开关选择

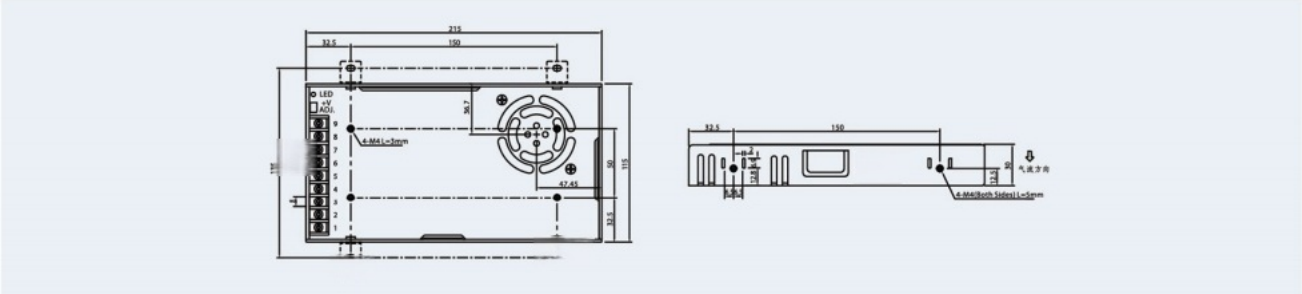
Single output：450W power

Input voltage：110VAC/220VAC ± 20%Switch to choose

● 技术参数 Technical Parameters

| 型号          | Model                    | LRS-450-12                                                                                                                                                  | LRS-450-24 | LRS-450-36 | LRS-450-48 |
|-------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|------------|
| 直流输出电压、额定电流 | DC Voltage、Rated Current | 12V、37.5A                                                                                                                                                   | 24V、18.8A  | 36V、12.5A  | 48V、9.4A   |
| 纹波 & 噪音（最大） | Ripple & Noise(Max)      | 150mVp-p                                                                                                                                                    | 200mVp-p   | 200mVp-p   | 200mVp-p   |
| 线性调整率       | Line Regulation          | ± 0.5%                                                                                                                                                      | ± 0.5%     | ± 0.5%     | ± 0.5%     |
| 负载调整率       | Load Regulation          | ± 1%                                                                                                                                                        | ± 0.5%     | ± 0.5%     | ± 0.5%     |
| 效率          | Efficiency               | 87%                                                                                                                                                         | 88%        | 90%        | 91%        |
| 电压调整范围      | Voltege Adj.range        | ± 10%                                                                                                                                                       | ± 10%      | ± 10%      | ± 10%      |
| 输入电压范围      | Input Voltage Range      | 90~132VAC /180~264VAC（通过开关选择）                                                                                                                               |            |            |            |
| 冲击电流        | Inrush Current           | 60A/230VAC 冷启动电流 Cold-Start Current                                                                                                                         |            |            |            |
| 过载保护        | Overload Protection      | 额定功率的 110%-150%，保护模式：打嗝保护，异常条件移除后自动恢复<br>110%-150% rated output power, Protection type:Hiccup mode, recovers automatically after fault condition is removed |            |            |            |
| 过电压保护       | Overvoltage Protection   | 115%~145%<br>保护模式：关断输出电压，异常条件移除后自动恢复<br>Protection type:Shut down o/p voltage, re-power on to recover                                                       |            |            |            |
| 启动 & 上升时间   | Start, Rise Time         | 2000ms 30ms/230VAC 2000ms 30ms/115VAC                                                                                                                       |            |            |            |
| 耐压          | Withstand Voltage        | 输入对输出：1.5KVAC，输入对外壳：1.5KVAC，输出对外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1minute                                                      |            |            |            |
| 绝缘阻抗        | Isolation Resistance     | 输入对输出，输入对外壳，输出对外壳：100M Ohms/500VDC/25°C/70% RH<br>I/P-O/P, I/P-FG, O/P-FG: 100M Ohms/500VDC/25°C/70%RH                                                      |            |            |            |
| 工作温度、湿度     | Working Temp, Humidity   | -10°C ~+60°C，20%~90%RH                                                                                                                                      |            |            |            |
| 安全标准        | Safety Standard          | 符合 GB4943 Compliance to GB4943                                                                                                                              |            |            |            |
| EMC 标准      | EMC Standard             | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                         |            |            |            |
| 重量          | Veight                   | 0.85Kg                                                                                                                                                      |            |            |            |

● 外形尺寸 Overall Dimension(mm)



S 系列 -15W 单组  
S-SERIES -15W SINGLE GROUP



概述 Application

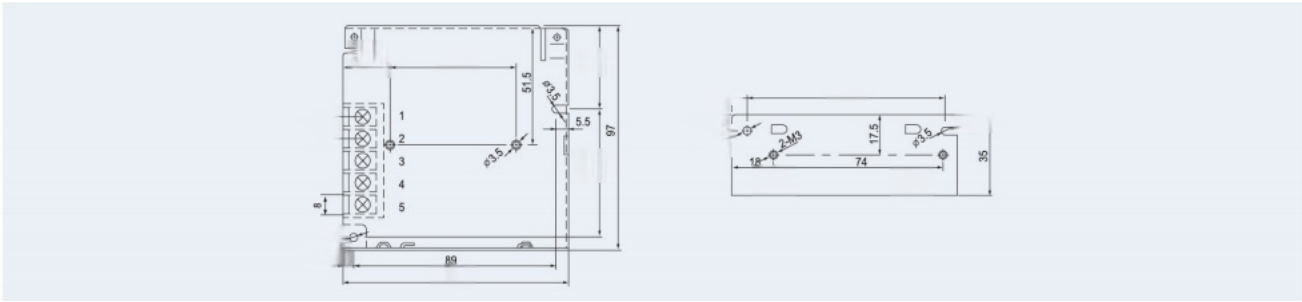
单组输出：功率 15W  
输入电压：85~264VAC  $\pm 20\%$  开关选择  
使用 AC 输入电压

Single output：15W power  
Input voltage：85~264VAC  $\pm 20\%$  Switch to choose  
Use AC input voltage

● 技术参数 Technical Parameters

| 技术性能 Technical performance |                           | 技术指标 Technical Index                                                                                                                                        |             |             |             |
|----------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-------------|
| 型号                         | Model                     | S-15-5                                                                                                                                                      | S-15-12     | S-15-15     | S-15-24     |
| 直流输出电压、额定电流                | DC Voltage、Rated Current  | 5V、3A                                                                                                                                                       | 12V、1.3A    | 15V、1A      | 24V、0.7A    |
| 纹波 & 噪音（最大）                | Ripple & Noise(Max)       | 50mVp-p                                                                                                                                                     | 50mVp-p     | 50mVp-p     | 75mVp-p     |
| 线性调整率                      | Line Regulation           | $\pm 0.5\%$                                                                                                                                                 | $\pm 0.5\%$ | $\pm 0.5\%$ | $\pm 0.5\%$ |
| 负载调整率                      | Load Regulation           | $\pm 1\%$                                                                                                                                                   | $\pm 0.5\%$ | $\pm 0.5\%$ | $\pm 0.5\%$ |
| 效率                         | Efficiency                | 76%                                                                                                                                                         | 78%         | 79%         | 81%         |
| 电压调整范围                     | Voltage Adj.range         | $\pm 10\%$                                                                                                                                                  | $\pm 10\%$  | $\pm 10\%$  | $\pm 10\%$  |
| 输入电压范围                     | Input Voltage Range       | 85-264VAC                                                                                                                                                   |             |             |             |
| 冲击电流                       | Inrush Current            | 42A/230VAC 冷启动电流 Cold-Start Current                                                                                                                         |             |             |             |
| 过载保护                       | Overload Protection       | 额定功率的 110%-150%，保护模式：打嗝保护，异常条件移除后自动恢复<br>110%-150% rated output power, Protection type:Hiccup mode, recovers automatically after fault condition is removed |             |             |             |
| 过电压保护                      | Overvoltage Protection    | 115%~145%<br>保护模式：关断输出电压，异常条件移除后自动恢复<br>Protection type:Shut down o/p voltage, re-power on to recover                                                       |             |             |             |
| 启动 & 上升时间                  | Start, Rise and Hold Time | 1000ms 30ms/230VAC 2000ms 30ms/115VAC                                                                                                                       |             |             |             |
| 耐压                         | Withstand Voltage         | 输入对输出：1.5KVAC，输入对外壳：1.5KVAC，输出对外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1minute                                                      |             |             |             |
| 绝缘阻抗                       | Isolation Resistance      | 输入对输出，输入对外壳，输出对外壳：100 Ohms/500VDC/25℃ /70%RH<br>I/P-O/P, I/P-FG, O/P-FG: 100 Ohms/500VDC/25℃ /70%RH                                                         |             |             |             |
| 工作温度、湿度                    | Working Temp, Humidity    | -10℃ ~+60℃, 20%~90%RH                                                                                                                                       |             |             |             |
| 安全标准                       | Safety Standard           | 符合 GB4943 Compliance to GB4943                                                                                                                              |             |             |             |
| EMC 标准                     | EMC Standard              | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                         |             |             |             |
| 重量                         | Weight                    | 0.3Kg                                                                                                                                                       |             |             |             |

● 外形尺寸 Overall Dimension(mm)



S 系列 -25W 单组  
S-SERIES -25W SINGLE GROUP



● 概述 Application

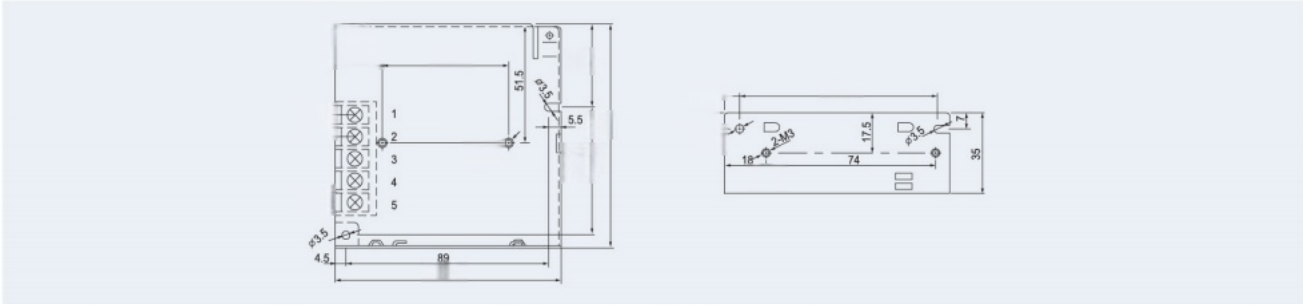
单组输出：功率 25W  
输入电压：85~264VAC  $\pm 20\%$  开关选择  
使用 AC 输入电压

Single output: 25W power  
Input voltage: 85~264VAC  $\pm 20\%$  Switch to choose  
Use AC Input voltage

● 技术参数 Technical Parameters

| 技术性能 Technical performance |                           | 技术指标 Technical Index                                                                                                                                        |             |             |             |
|----------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-------------|
| 型号                         | Model                     | S-25-5                                                                                                                                                      | S-25-12     | S-25-15     | S-25-24     |
| 直流输出电压、额定电流                | DC Voltage、Rated Current  | 5V、5A                                                                                                                                                       | 12V、2.1A    | 15V、1.7A    | 24V、1.1A    |
| 纹波 & 噪音（最大）                | Ripple & Noise(Max)       | 50mVp-p                                                                                                                                                     | 50mVp-p     | 50mVp-p     | 75mVp-p     |
| 线性调整率                      | Line Regulation           | $\pm 0.5\%$                                                                                                                                                 | $\pm 0.5\%$ | $\pm 0.5\%$ | $\pm 0.5\%$ |
| 负载调整率                      | Load Regulation           | $\pm 1\%$                                                                                                                                                   | $\pm 0.5\%$ | $\pm 0.5\%$ | $\pm 0.5\%$ |
| 效率                         | Efficiency                | 76%                                                                                                                                                         | 78%         | 79%         | 81%         |
| 电压调整范围                     | Voltage Adj.range         | $\pm 10\%$                                                                                                                                                  | $\pm 10\%$  | $\pm 10\%$  | $\pm 10\%$  |
| 输入电压范围                     | Input Voltage Range       | 85-264VAC                                                                                                                                                   |             |             |             |
| 冲击电流                       | Inrush Current            | 42A/230VAC 冷启动电流 Cold-Start Current                                                                                                                         |             |             |             |
| 过载保护                       | Overload Protection       | 额定功率的 110%-150%，保护模式：打嗝保护，异常条件移除后自动恢复<br>110%-150% rated output power, Protection type:Hiccup mode, recovers automatically after fault condition is removed |             |             |             |
| 过电压保护                      | Overvoltage Protection    | 115%~145%<br>保护模式：关断输出电压，异常条件移除后自动恢复<br>Protection type:Shut down o/p voltage, re-power on to recover                                                       |             |             |             |
| 启动 & 上升时间                  | Start, Rise and Hold Time | 1000ms 30ms/230VAC 2000ms 30ms/115VAC                                                                                                                       |             |             |             |
| 耐压                         | Withstand Voltage         | 输入对输出：1.5KVAC，输入对外壳：1.5KVAC，输出对外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1minute                                                      |             |             |             |
| 绝缘阻抗                       | Isolation Resistance      | 输入对输出，输入对外壳，输出对外壳：100 Ohms/500VDC/25℃ /70%RH<br>I/P-O/P, I/P-FG, O/P-FG: 100 Ohms/500VDC/25℃ /70%RH                                                         |             |             |             |
| 工作温度、湿度                    | Working Temp, Humidity    | $\pm 10^{\circ}\text{C} \sim +60^{\circ}\text{C}$ ，20%~90%RH                                                                                                |             |             |             |
| 安全标准                       | Safety Standard           | 符合 GB4943 Compliance to GB4943                                                                                                                              |             |             |             |
| EMC 标准                     | EMC Standard              | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                         |             |             |             |
| 重量                         | Weight                    | 0.3Kg                                                                                                                                                       |             |             |             |

● 外形尺寸 Overall Dimension(mm)





S 系列 -35W 单组  
S-SERIES -35W SINGLE GROUP



概述 Application

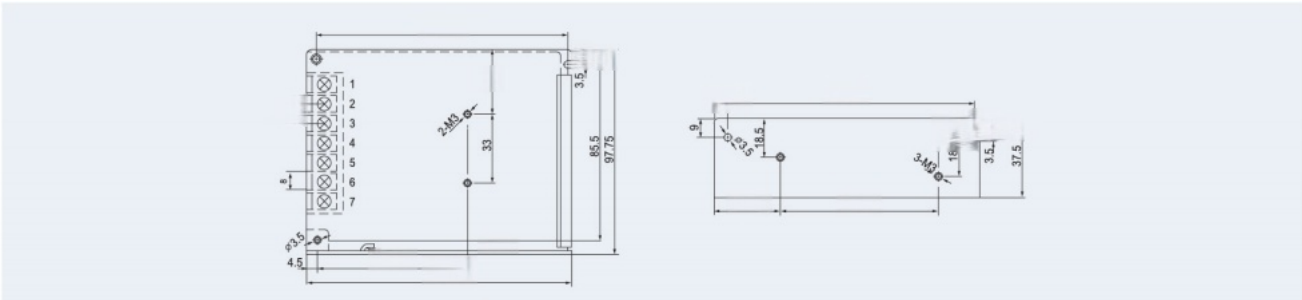
单组输出：功率 35W  
输入电压：85~264VAC  $\pm 20\%$  开关选择  
使用 AC 输入电压

Single output: 35W power  
Input voltage: 85~264VAC  $\pm 20\%$  Switch to choose  
Use AC Input voltage

技术参数 Technical Parameters

| 型号          | Model                     | S-35-5                                                                                                                                                      | S-35-12     | S-35-15     | S-35-24     |
|-------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-------------|
| 直流输出电压、额定电流 | DC Voltage、Rated Current  | 5V、7A                                                                                                                                                       | 12V、3A      | 15V、2.4A    | 24V、1.5A    |
| 纹波 & 噪音（最大） | Ripple & Noise(Max)       | 50mVp-p                                                                                                                                                     | 50mVp-p     | 50mVp-p     | 75mVp-p     |
| 线性调整率       | Line Regulation           | $\pm 0.5\%$                                                                                                                                                 | $\pm 0.5\%$ | $\pm 0.5\%$ | $\pm 0.5\%$ |
| 负载调整率       | Load Regulation           | $\pm 1\%$                                                                                                                                                   | $\pm 0.5\%$ | $\pm 0.5\%$ | $\pm 0.5\%$ |
| 效率          | Efficiency                | 76%                                                                                                                                                         | 78%         | 79%         | 81%         |
| 电压调整范围      | Voltage Adj.range         | $\pm 10\%$                                                                                                                                                  | $\pm 10\%$  | $\pm 10\%$  | $\pm 10\%$  |
| 输入电压范围      | Input Voltage Range       | 85-264VAC                                                                                                                                                   |             |             |             |
| 冲击电流        | Inrush Current            | 42A/230VAC 冷启动电流 Cold-Start Current                                                                                                                         |             |             |             |
| 过载保护        | Overload Protection       | 额定功率的 110%-150%，保护模式：打嗝保护，异常条件移除后自动恢复<br>110%-150% rated output power, Protection type:Hiccup mode, recovers automatically after fault condition is removed |             |             |             |
| 过电压保护       | Overvoltage Protection    | 115%~145%<br>保护模式：关断输出电压，异常条件移除后自动恢复<br>Protection type:Shut down o/p voltage, re-power on to recover                                                       |             |             |             |
| 启动 & 上升时间   | Start, Rise and Hold Time | 1000ms 30ms/230VAC 2000ms 30ms/115VAC                                                                                                                       |             |             |             |
| 耐压          | Withstand Voltage         | 输入对输出：1.5KVAC，输入对外壳：1.5KVAC，输出对外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1minute                                                      |             |             |             |
| 绝缘阻抗        | Isolation Resistance      | 输入对输出，输入对外壳，输出对外壳：100 Ohms/500VDC/25℃ /70%RH<br>I/P-O/P, I/P-FG, O/P-FG: 100 Ohms/500VDC/25℃ /70%RH                                                         |             |             |             |
| 工作温度、湿度     | Working Temp, Humidity    | -10℃ ~+60℃, 20%~90%RH                                                                                                                                       |             |             |             |
| 安全标准        | Safety Standard           | 符合 GB4943 Compliance to GB4943                                                                                                                              |             |             |             |
| EMC 标准      | EMC Standard              | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                         |             |             |             |
| 重量          | Weight                    | 0.4Kg                                                                                                                                                       |             |             |             |

外形尺寸 Overall Dimension(mm)



S 系列 -50W 单组

S-SERIES -50W SINGLE GROUP



● 概述 Application

单组输出：功率 50W

输入电压：110VAC/220VAC  $\pm 20\%$  开关选择

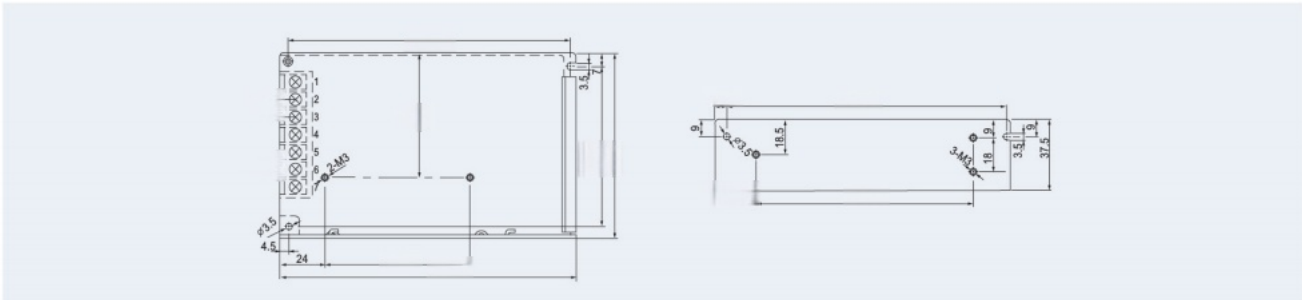
Single output: 50W power

Input voltage: 110VAC/220VAC  $\pm 20\%$  Switch to choose

● 技术参数 Technical Parameters

| 技术性能 Technical performance |                           | 技术指标 Technical Index                                                                                                                                        |             |             |             |
|----------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-------------|
| 型号                         | Model                     | S-50-5                                                                                                                                                      | S-50-12     | S-50-15     | S-50-24     |
| 直流输出电压、额定电流                | DC Voltage、Rated Current  | 5V、10A                                                                                                                                                      | 12V、4.2A    | 15V、3.3A    | 24V、2.2A    |
| 纹波 & 噪音（最大）                | Ripple & Noise(Max)       | 50mVp-p                                                                                                                                                     | 50mVp-p     | 50mVp-p     | 100mVp-p    |
| 线性调整率                      | Line Regulation           | $\pm 0.5\%$                                                                                                                                                 | $\pm 0.5\%$ | $\pm 0.5\%$ | $\pm 0.5\%$ |
| 负载调整率                      | Load Regulation           | $\pm 1\%$                                                                                                                                                   | $\pm 0.5\%$ | $\pm 0.5\%$ | $\pm 0.5\%$ |
| 效率                         | Efficiency                | 76%                                                                                                                                                         | 79%         | 79%         | 82%         |
| 电压调整范围                     | Voltage Adj.range         | $\pm 10\%$                                                                                                                                                  | $\pm 10\%$  | $\pm 10\%$  | $\pm 10\%$  |
| 输入电压范围                     | Input Voltage Range       | 90~132VAC /180~264VAC（通过开关选择）                                                                                                                               |             |             |             |
| 冲击电流                       | Inrush Current            | 42A/230VAC 冷启动电流 Cold-Start Current                                                                                                                         |             |             |             |
| 过载保护                       | Overload Protection       | 额定功率的 110%-150%，保护模式：打嗝保护，异常条件移除后自动恢复<br>110%-150% rated output power, Protection type:Hiccup mode, recovers automatically after fault condition is removed |             |             |             |
| 过电压保护                      | Overvoltage Protection    | 115%~145%<br>保护模式：关断输出电压，异常条件移除后自动恢复<br>Protection type:Shut down o/p voltage, re-power on to recover                                                       |             |             |             |
| 启动 & 上升时间                  | Start, Rise and Hold Time | 1000ms 30ms/230VAC 2000ms 30ms/115VAC                                                                                                                       |             |             |             |
| 耐压                         | Withstand Voltage         | 输入对输出：1.5KVAC，输入对外壳：1.5KVAC，输出对外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1minute                                                      |             |             |             |
| 绝缘阻抗                       | Isolation Resistance      | 输入对输出，输入对外壳，输出对外壳：100 Ohms/500VDC/25℃/70%RH<br>I/P-O/P, I/P-FG, O/P-FG: 100 Ohms/500VDC/25℃/70%RH                                                           |             |             |             |
| 工作温度、湿度                    | Working Temp, Humidity    | -10℃ ~+60℃，20%~90%RH                                                                                                                                        |             |             |             |
| 安全标准                       | Safety Standard           | 符合 GB4943 Compliance to GB4943                                                                                                                              |             |             |             |
| EMC 标准                     | EMC Standard              | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                         |             |             |             |
| 重量                         | Weight                    | 0.48Kg                                                                                                                                                      |             |             |             |

● 外形尺寸 Overall Dimension(mm)



S 系列 -60W 单组  
S-SERIES -60W SINGLE GROUP



● 概述 Application

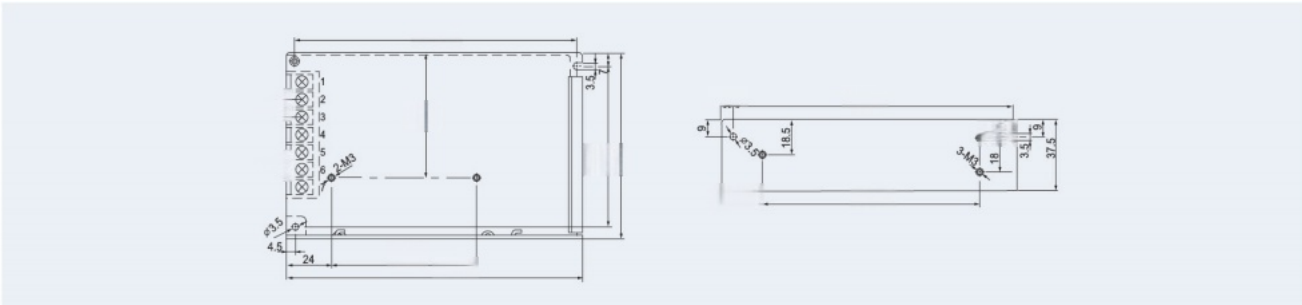
单组输出：功率 60W  
输入电压：110VAC/220VAC  $\pm 20\%$  开关选择

Single output: 60W power  
Input voltage: 110VAC/220VAC  $\pm 20\%$  Switch to choose

● 技术参数 Technical Parameters

| 技术性能 Technical performance |                           | 技术指标 Technical Index                                                                                                                                        |             |             |
|----------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|
| 型号                         | Model                     | S-60-12                                                                                                                                                     | S-60-15     | S-60-24     |
| 直流输出电压、额定电流                | DC Voltage、Rated Current  | 12V、5A                                                                                                                                                      | 15V、4A      | 24V、2.5A    |
| 纹波 & 噪音（最大）                | Ripple & Noise(Max)       | 50mVp-p                                                                                                                                                     | 50mVp-p     | 100mVp-p    |
| 线性调整率                      | Line Regulation           | $\pm 0.5\%$                                                                                                                                                 | $\pm 0.5\%$ | $\pm 0.5\%$ |
| 负载调整率                      | Load Regulation           | $\pm 0.5\%$                                                                                                                                                 | $\pm 0.5\%$ | $\pm 0.5\%$ |
| 效率                         | Efficiency                | 78%                                                                                                                                                         | 79%         | 81%         |
| 电压调整范围                     | Voltage Adj.range         | $\pm 10\%$                                                                                                                                                  | $\pm 10\%$  | $\pm 10\%$  |
| 输入电压范围                     | Input Voltage Range       | 90~132VAC /180~264VAC（通过开关选择）                                                                                                                               |             |             |
| 冲击电流                       | Inrush Current            | 42A/230VAC 冷启动电流 Cold-Start Current                                                                                                                         |             |             |
| 过载保护                       | Overload Protection       | 额定功率的 110%-150%，保护模式：打嗝保护，异常条件移除后自动恢复<br>110%-150% rated output power, Protection type:Hiccup mode, recovers automatically after fault condition is removed |             |             |
| 过电压保护                      | Overvoltage Protection    | 115%~145%<br>保护模式：关断输出电压，异常条件移除后自动恢复<br>Protection type:Shut down o/p voltage, re-power on to recover                                                       |             |             |
| 启动 & 上升时间                  | Start, Rise and Hold Time | 1000ms 30ms/230VAC 2000ms 30ms/115VAC                                                                                                                       |             |             |
| 耐压                         | Withstand Voltage         | 输入对输出：1.5KVAC，输入对外壳：1.5KVAC，输出对外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1minute                                                      |             |             |
| 绝缘阻抗                       | Isolation Resistance      | 输入对输出，输入对外壳，输出对外壳：100 Ohms/500VDC/25℃ /70%RH<br>I/P-O/P, I/P-FG, O/P-FG: 100 Ohms/500VDC/25℃ /70%RH                                                         |             |             |
| 工作温度、湿度                    | Working Temp, Humidity    | -10℃ ~+60℃, 20%~90%RH                                                                                                                                       |             |             |
| 安全标准                       | Safety Standard           | 符合 GB4943 Compliance to GB4943                                                                                                                              |             |             |
| EMC 标准                     | EMC Standard              | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                         |             |             |
| 重量                         | Weight                    | 0.48Kg                                                                                                                                                      |             |             |

● 外形尺寸 Overall Dimension(mm)





S 系列 -75W 单组

S=SERIES -75W SINGLE GROUP



● 概述 Application

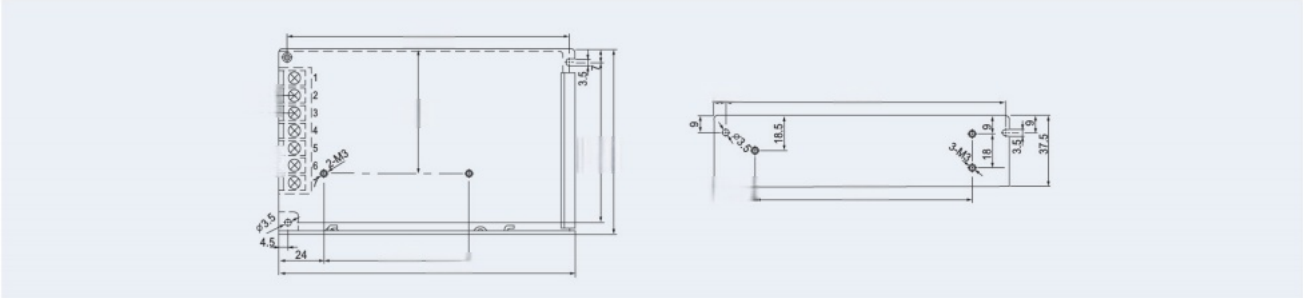
单组输出：功率 75W  
输入电压：110VAC/220VAC ± 20% 开关选择

Single output: 75W power  
Input voltage: 110VAC/220VAC ± 20% Switch to choose

● 技术参数 Technical Parameters

| 技术性能 Technical performance |                           | 技术指标 Technical Index                                                                                                                                        |         |         |
|----------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|
| 型号                         | Model                     | S-75-12                                                                                                                                                     | S-75-15 | S-75-24 |
| 直流输出电压、额定电流                | DC Voltage、Rated Current  | 12V、6.3A                                                                                                                                                    | 15V、5A  | 24V、3A  |
| 纹波 & 噪音（最大）                | Ripple & Noise(Max)       | 50mVp-p                                                                                                                                                     | 75mVp-p | 75mVp-p |
| 线性调整率                      | Line Regulation           | ± 0.5%                                                                                                                                                      | ± 0.5%  | ± 0.5%  |
| 负载调整率                      | Load Regulation           | ± 0.5%                                                                                                                                                      | ± 0.5%  | ± 0.5%  |
| 效率                         | Efficiency                | 78%                                                                                                                                                         | 79%     | 82%     |
| 电压调整范围                     | Voltege Adj.range         | ± 10%                                                                                                                                                       | ± 10%   | ± 10%   |
| 输入电压范围                     | Input Voltage Range       | 90~132VAC /180~264VAC（通过开关选择）                                                                                                                               |         |         |
| 冲击电流                       | Inrush Current            | 42A/230VAC 冷启动电流 Cold-Start Current                                                                                                                         |         |         |
| 过载保护                       | Overload Protection       | 额定功率的 110%-150%，保护模式：打嗝保护，异常条件移除后自动恢复<br>110%-150% rated output power, Protection type:Hiccup mode, recovers automatically after fault condition is removed |         |         |
| 过电压保护                      | Overvoltage Protection    | 115%~145%<br>保护模式：关断输出电压，异常条件移除后自动恢复<br>Protection type:Shut down o/p voltage, re-power on to recover                                                       |         |         |
| 启动 & 上升时间                  | Start, Rise and Hold Time | 1000ms 30ms/230VAC 2000ms 30ms/115VAC                                                                                                                       |         |         |
| 耐压                         | Withstand Voltage         | 输入对输出：1.5KVAC，输入对外壳：1.5KVAC，输出对外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1mlnute                                                      |         |         |
| 绝缘阻抗                       | Isolation Resistance      | 输入对输出，输入对外壳，输出对外壳：100 Ohms/500VDC/25℃ /70%RH<br>I/P-O/P, I/P-FG, O/P-FG: 100 Ohms/500VDC/25℃ /70%RH                                                         |         |         |
| 工作温度、湿度                    | Working Temp, Humidity    | -10℃ ~+60℃，20%~90%RH                                                                                                                                        |         |         |
| 安全标准                       | Safety Standard           | 符合 GB4943 Compliance to GB4943                                                                                                                              |         |         |
| EMC 标准                     | EMC Standard              | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                         |         |         |
| 重量                         | Weight                    | 0.49Kg                                                                                                                                                      |         |         |

● 外形尺寸 Overall Dimension(mm)



S 系列 -100W 单组  
S-SERIES -100W SINGLE GROUP



● 概述 Application

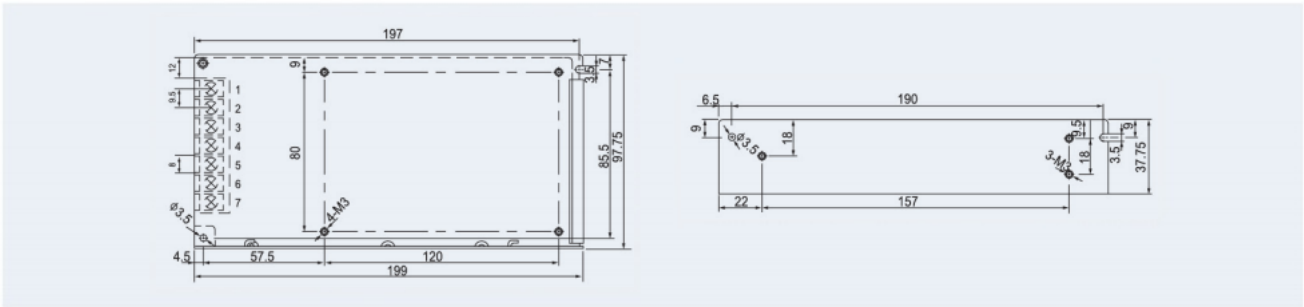
单组输出：功率 100W  
输入电压：110VAC/220VAC ± 20% 开关选择

Single output：100W power  
Input voltage：110VAC/220VAC ± 20% Switch to choose

● 技术参数 Technical Parameters

| 技术性能 Technical performance |                           | 技术指标 Technical Index                                                                                                                                       |          |          |          |          |
|----------------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|----------|----------|
| 型号                         | Model                     | S-100-5                                                                                                                                                    | S-100-12 | S-100-15 | S-100-24 | S-100-48 |
| 直流输出电压、额定电流                | DC Voltage、Rated Current  | 5V、20A                                                                                                                                                     | 12V、8.5A | 15V、6.7A | 24V、4.5A | 48V、2A   |
| 纹波 & 噪音（最大）                | Ripple & Noise(Max)       | 50mVp-p                                                                                                                                                    | 50mVp-p  | 75mVp-p  | 75mVp-p  | 120mVp-p |
| 线性调整率                      | Line Regulation           | ± 0.5%                                                                                                                                                     | ± 0.3%   | ± 0.3%   | ± 0.2%   | ± 0.2%   |
| 负载调整率                      | Load Regulation           | ± 0.5%                                                                                                                                                     | ± 0.3%   | ± 0.3%   | ± 0.2%   | ± 0.2%   |
| 效率                         | Efficiency                | 78%                                                                                                                                                        | 82%      | 83%      | 84%      | 85%      |
| 电压调整范围                     | Voltage Adj.range         | ± 10%                                                                                                                                                      | ± 10%    | ± 10%    | ± 10%    | ± 10%    |
| 输入电压范围                     | Input Voltage Range       | 90~132VAC /180~264VAC（通过开关选择）                                                                                                                              |          |          |          |          |
| 冲击电流                       | Inrush Current            | 42A/230VAC 冷启动电流 Cold-Start Current                                                                                                                        |          |          |          |          |
| 过载保护                       | Overload Protection       | 额定功率的 110%~150%，保护模式：打嗝保护，异常条件移除后自动恢复<br>110%-150% rated output power，Protection type:Hiccup mode, recovers automatically after fault condition is removed |          |          |          |          |
| 过电压保护                      | Overvoltage Protection    | 115%~145%<br>保护模式：关断输出电压，异常条件移除后自动恢复<br>Protection type:Shut down o/p voltage, re-power on to recover                                                      |          |          |          |          |
| 启动 & 上升时间                  | Start, Rise and Hold Time | 1000ms 30ms/230VAC 2000ms 30ms/115VAC                                                                                                                      |          |          |          |          |
| 耐压                         | Withstand Voltage         | 输入对输出：1.5KVAC，输入对外壳：1.5KVAC，输出对外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1minute                                                     |          |          |          |          |
| 绝缘阻抗                       | Isolation Resistance      | 输入对输出，输入对外壳，输出对外壳：100 Ohms/500VDC/25℃ /70%RH<br>I/P-O/P, I/P-FG, O/P-FG: 100 Ohms/500VDC/25℃ /70%RH                                                        |          |          |          |          |
| 工作温度、湿度                    | Working Temp, Humidity    | -10℃ ~+60℃，20%~90%RH                                                                                                                                       |          |          |          |          |
| 安全标准                       | Safety Standard           | 符合 GB4943 Compliance to GB4943                                                                                                                             |          |          |          |          |
| EMC 标准                     | EMC Standard              | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                        |          |          |          |          |
| 重量                         | Weight                    | 0.6Kg                                                                                                                                                      |          |          |          |          |

● 外形尺寸 Overall Dimension(mm)



S 系列 -120W 单组  
S-SERIES -120W SINGLE GROUP



● 概述 Application

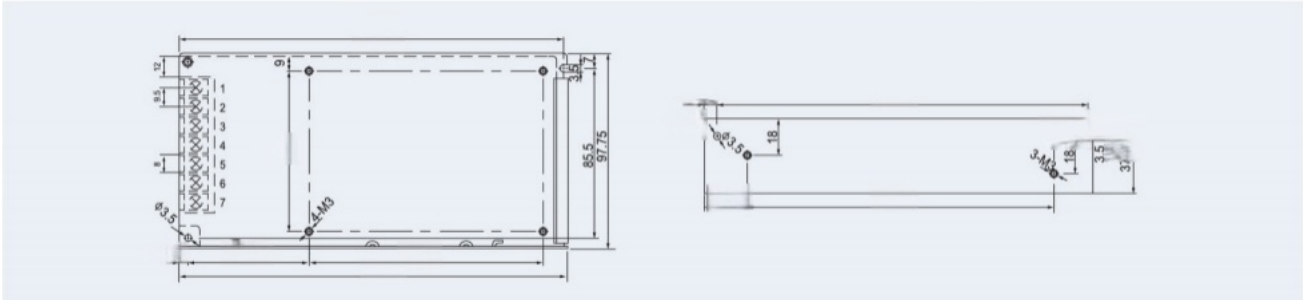
单组输出：功率 120W  
输入电压：110VAC/220VAC ± 20% 开关选择

Single output: 120W power  
Input voltage: 110VAC/220VAC ± 20% Switch to choose

● 技术参数 Technical Parameters

| 技术性能 Technical performance |                           | 技术指标 Technical Index                                                                                                                                        |          |          |          |          |
|----------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|----------|----------|
| 型号                         | Model                     | S-120-5                                                                                                                                                     | S-120-12 | S-120-15 | S-120-24 | S-120-48 |
| 直流输出电压、额定电流                | DC Voltage、Rated Current  | 5V、22A                                                                                                                                                      | 12V、10A  | 15V、8A   | 24V、5A   | 48V、2.5A |
| 纹波 & 噪音（最大）                | Ripple & Noise(Max)       | 50mVp-p                                                                                                                                                     | 50mVp-p  | 75mVp-p  | 75mVp-p  | 120mVp-p |
| 线性调整率                      | Line Regulation           | ± 0.5%                                                                                                                                                      | ± 0.3%   | ± 0.3%   | ± 0.2%   | ± 0.2%   |
| 负载调整率                      | Load Regulation           | ± 0.5%                                                                                                                                                      | ± 0.3%   | ± 0.3%   | ± 0.2%   | ± 0.2%   |
| 效率                         | Efficiency                | 78%                                                                                                                                                         | 82%      | 83%      | 84%      | 85%      |
| 电压调整范围                     | Voltage Adj.range         | ± 10%                                                                                                                                                       | ± 10%    | ± 10%    | ± 10%    | ± 10%    |
| 输入电压范围                     | Input Voltage Range       | 90~132VAC / 180~264VAC ( 通过开关选择 )                                                                                                                           |          |          |          |          |
| 冲击电流                       | Inrush Current            | 42A/230VAC 冷启动电流 Cold-Start Current                                                                                                                         |          |          |          |          |
| 过载保护                       | Overload Protection       | 额定功率的 110%~150%，保护模式：打嗝保护，异常条件移除后自动恢复<br>110%~150% rated output power, Protection type:Hiccup mode, recovers automatically after fault condition is removed |          |          |          |          |
| 过电压保护                      | Overvoltage Protection    | 115%~145%<br>保护模式：关断输出电压，异常条件移除后自动恢复<br>Protection type:Shut down o/p voltage, re-power on to recover                                                       |          |          |          |          |
| 启动 & 上升时间                  | Start, Rise and Hold Time | 1000ms 30ms/230VAC 2000ms 30ms/115VAC                                                                                                                       |          |          |          |          |
| 耐压                         | Withstand Voltage         | 输入对输出：1.5KVAC，输入对外壳：1.5KVAC，输出对外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1minute                                                      |          |          |          |          |
| 绝缘阻抗                       | Isolation Resistance      | 输入对输出，输入对外壳，输出对外壳：100 Ohms/500VDC/25℃/70%RH<br>I/P-O/P, I/P-FG, O/P-FG: 100 Ohms/500VDC/25℃/70%RH                                                           |          |          |          |          |
| 工作温度、湿度                    | Working Temp, Humidity    | -10℃ ~+60℃，20%~90%RH                                                                                                                                        |          |          |          |          |
| 安全标准                       | Safety Standard           | 符合 GB4943 Compliance to GB4943                                                                                                                              |          |          |          |          |
| EMC 标准                     | EMC Standard              | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                         |          |          |          |          |
| 重量                         | Weight                    | 0.6Kg                                                                                                                                                       |          |          |          |          |

● 外形尺寸 Overall Dimension(mm)





## A blue LOHO power supply unit with a perforated top and a terminal block on the front. The unit is shown from a front-three-quarter view. The top panel has a yellow label with technical specifications. The front panel features a terminal block with various connections labeled with voltage levels and symbols. The LOHO logo is visible in the top left corner of the image.

Input voltage: 110VAC/220VAC  $\pm$  20% Switch to choose

| 技术性能 Technical performance |                           | 技术指标 Technical Index                                                                                                                                        |           |          |          |
|----------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|----------|
| 型号                         | Model                     | S-145-5                                                                                                                                                     | S-145-7.5 | S-145-12 | S-145-24 |
| 直流输出电压、额定电流                | DC Voltage、Rated Current  | 5V、25A                                                                                                                                                      | 7.5V、18A  | 12V、12A  | 24V、6A   |
| 纹波 & 噪音 (最大)               | Ripple & Noise(Max)       | 100mVp-p                                                                                                                                                    | 100mVp-p  | 100mVp-p | 100mVp-p |
| 线性调整率                      | Line Regulation           | ± 0.5%                                                                                                                                                      | ± 0.5%    | ± 0.3%   | ± 0.2%   |
| 负载调整率                      | Load Regulation           | ± 1%                                                                                                                                                        | ± 0.5%    | ± 0.3%   | ± 0.2%   |
| 效率                         | Efficiency                | 78%                                                                                                                                                         | 80.5%     | 80.5%    | 83.5%    |
| 电压调整范围                     | Voltage Adj.range         | ± 10%                                                                                                                                                       | ± 10%     | ± 10%    | ± 10%    |
| 输入电压范围                     | Input Voltage Range       | 90~132VAC /180~264VAC ( 通过开关选择 )                                                                                                                            |           |          |          |
| 冲击电流                       | Inrush Current            | 42A/230VAC 冷启动电流 Cold-Start Current                                                                                                                         |           |          |          |
| 过载保护                       | Overload Protection       | 额定功率的 110%-150%，保护模式：打嗝保护，异常条件移除后自动恢复<br>110%-150% rated output power, Protection type:Hiccup mode, recovers automatically after fault condition is removed |           |          |          |
| 过电压保护                      | Overvoltage Protection    | 115%~145%                                                                                                                                                   |           |          |          |
|                            |                           | 保护模式：关断输出电压，异常条件移除后自动恢复<br>Protection type:Shut down o/p voltage, re-power on to recover                                                                    |           |          |          |
| 启动 & 上升时间                  | Start, Rise and Hold Time | 1000ms 30ms/230VAC 2000ms 30ms/115VAC                                                                                                                       |           |          |          |
| 耐压                         | Withstand Voltage         | 输入对输出：1.5KVAC，输入对外壳：1.5KVAC，输出对外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1minute                                                      |           |          |          |
| 绝缘阻抗                       | Isolation Resistance      | 输入对输出，输入对外壳，输出对外壳：100 Ohms/500VDC/25℃ /70%RH<br>I/P-O/P, I/P-FG, O/P-FG: 100 Ohms/500VDC/25℃ /70%RH                                                         |           |          |          |
| 工作温度、湿度                    | Working Temp, Humidity    | -10℃ ~+60℃，20%~90%RH                                                                                                                                        |           |          |          |
| 安全标准                       | Safety Standard           | 符合 GB4943 Compliance to GB4943                                                                                                                              |           |          |          |
| EMC 标准                     | EMC Standard              | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                         |           |          |          |
| 重量                         | Weight                    | 0.65Kg                                                                                                                                                      |           |          |          |

S 系列 –150W 单组  
S-SERIES –150W SINGLE GROUP



● 概述 Application

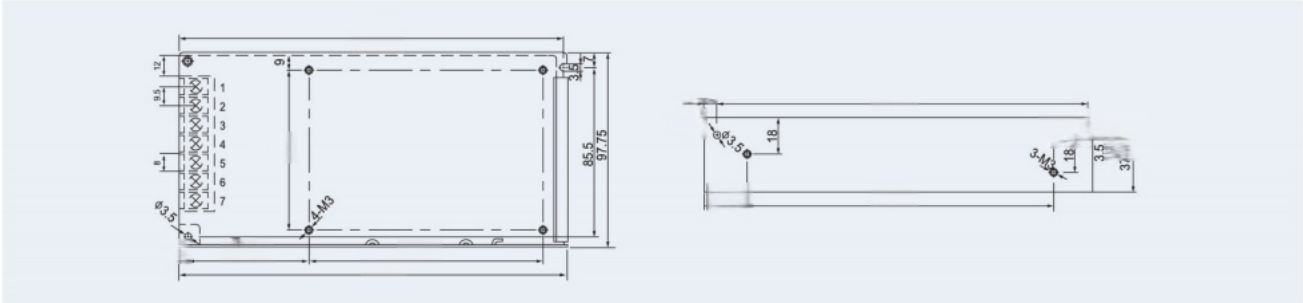
单组输出：功率 150W  
输入电压：110VAC/220VAC ± 20% 开关选择

Single output: 150W power  
Input voltage: 110VAC/220VAC ± 20% Switch to choose

● 技术参数 Technical Parameters

| 技术性能 Technical performance |                           | 技术指标 Technical Index                                                                                                                                        |           |          |          |          |
|----------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|----------|----------|
| 型号                         | Model                     | S-150-5                                                                                                                                                     | S-150-12  | S-150-15 | S-150-24 | S-150-48 |
| 直流输出电压、额定电流                | DC Voltage、Rated Current  | 5V、30A                                                                                                                                                      | 12V、12.5A | 15V、10A  | 24V、6.5A | 48V、3.2A |
| 纹波 & 噪音（最大）                | Ripple & Noise(Max)       | 50mVp-p                                                                                                                                                     | 50mVp-p   | 75mVp-p  | 100mVp-p | 120mVp-p |
| 线性调整率                      | Line Regulation           | ± 0.5%                                                                                                                                                      | ± 0.3%    | ± 0.3%   | ± 0.2%   | ± 0.2%   |
| 负载调整率                      | Load Regulation           | ± 0.5%                                                                                                                                                      | ± 0.3%    | ± 0.3%   | ± 0.2%   | ± 0.2%   |
| 效率                         | Efficiency                | 83%                                                                                                                                                         | 82%       | 83%      | 84%      | 86%      |
| 电压调整范围                     | Voltage Adj.range         | ± 10%                                                                                                                                                       | ± 10%     | ± 10%    | ± 10%    | ± 10%    |
| 输入电压范围                     | Input Voltage Range       | 90~132VAC /180~264VAC（通过开关选择）                                                                                                                               |           |          |          |          |
| 冲击电流                       | Inrush Current            | 42A/230VAC 冷启动电流 Cold-Start Current                                                                                                                         |           |          |          |          |
| 过载保护                       | Overload Protection       | 额定功率的 110%~150%，保护模式：打嗝保护，异常条件移除后自动恢复<br>110% 150% rated output power, Protection type:Hiccup mode, recovers automatically after fault condition is removed |           |          |          |          |
| 过电压保护                      | Overvoltage Protection    | 115%~145%<br>保护模式：关断输出电压，异常条件移除后自动恢复<br>Protection type:Shut down o/p voltage, re-power on to recover                                                       |           |          |          |          |
| 启动 & 上升时间                  | Start, Rise and Hold Time | 1000ms 30ms/230VAC 2000ms 30ms/115VAC                                                                                                                       |           |          |          |          |
| 耐压                         | Withstand Voltage         | 输入对输出：1.5KVAC，输入对外壳：1.5KVAC，输出对外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1minute                                                      |           |          |          |          |
| 绝缘阻抗                       | Isolation Resistance      | 输入对输出，输入对外壳，输出对外壳：100 Ohms/500VDC/25℃ /70%RH<br>I/P-O/P, I/P-FG, O/P-FG: 100 Ohms/500VDC/25℃ /70%RH                                                         |           |          |          |          |
| 工作温度、湿度                    | Working Temp, Humidity    | -10℃ ~+60℃，20%~90%RH                                                                                                                                        |           |          |          |          |
| 安全标准                       | Safety Standard           | 符合 GB4943 Compliance to GB4943                                                                                                                              |           |          |          |          |
| EMC 标准                     | EMC Standard              | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                         |           |          |          |          |
| 重量                         | Weight                    | 0.65Kg                                                                                                                                                      |           |          |          |          |

● 外形尺寸 Overall Dimension(mm)



S 系列 -200W 单组  
S-SERIES -200W SINGLE GROUP



● 概述 Application

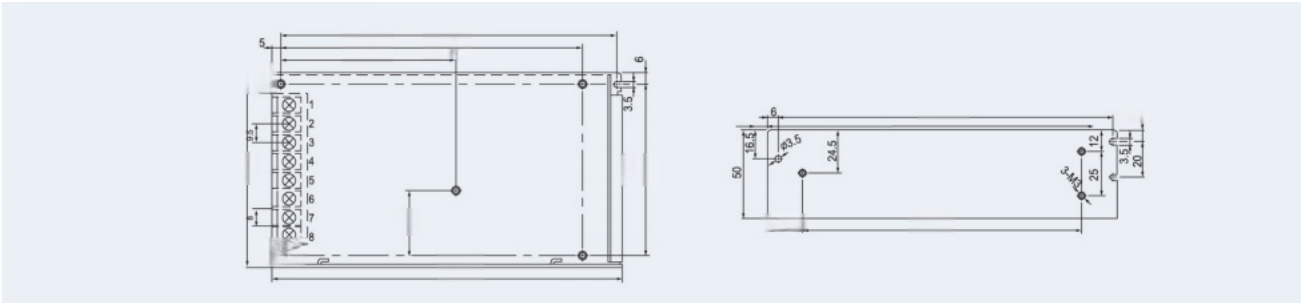
单组输出：功率 200W  
输入电压：110VAC/220VAC ± 20% 开关选择

Single output: 200W power  
Input voltage range: 110VAC/220VAC ± 20% Switch to choose

● 技术参数 Technical Parameters

| 型号          | Model                     | S-200-5                                                                                                                                                     | S-200-12 | S-200-15  | S-200-24 | S-200-48 |
|-------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------|----------|----------|
| 直流输出电压、额定电流 | DC Voltage、Rated Current  | 5V、40A                                                                                                                                                      | 12V、16A  | 15V、13.3A | 24V、8.3A | 48V、4.2A |
| 纹波 & 噪音（最大） | Ripple & Noise(Max)       | 50mVp-p                                                                                                                                                     | 50mVp-p  | 75mVp-p   | 100mVp-p | 120mVp-p |
| 线性调整率       | Line Regulation           | ± 0.5%                                                                                                                                                      | ± 0.3%   | ± 0.3%    | ± 0.2%   | ± 0.2%   |
| 负载调整率       | Load Regulation           | ± 0.5%                                                                                                                                                      | ± 0.3%   | ± 0.3%    | ± 0.2%   | ± 0.2%   |
| 效率          | Efficiency                | 83%                                                                                                                                                         | 82%      | 83%       | 84%      | 86%      |
| 电压调整范围      | Voltage Adj.range         | ± 10%                                                                                                                                                       | ± 10%    | ± 10%     | ± 10%    | ± 10%    |
| 输入电压范围      | Input Voltage Range       | 90~132VAC /180~264VAC（通过开关选择）                                                                                                                               |          |           |          |          |
| 冲击电流        | Inrush Current            | 42A/230VAC 冷启动电流 Cold-Start Current                                                                                                                         |          |           |          |          |
| 过载保护        | Overload Protection       | 额定功率的 110%-150%，保护模式：打嗝保护，异常条件移除后自动恢复<br>110%-150% rated output power, Protection type:Hiccup mode, recovers automatically after fault condition is removed |          |           |          |          |
| 过电压保护       | Overvoltage Protection    | 115%~145%<br>保护模式：关断输出电压，异常条件移除后自动恢复<br>Protection type:Shut down o/p voltage, re-power on to recover                                                       |          |           |          |          |
| 启动 & 上升时间   | Start, Rise and Hold Time | 1000ms 30ms/230VAC 2000ms 30ms/115VAC                                                                                                                       |          |           |          |          |
| 耐压          | Withstand Voltage         | 输入对输出：1.5KVAC，输入对外壳：1.5KVAC，输出对外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1minute                                                      |          |           |          |          |
| 绝缘阻抗        | Isolation Resistance      | 输入对输出，输入对外壳，输出对外壳：100 Ohms/500VDC/25℃ /70%RH<br>I/P-O/P, I/P-FG, O/P-FG: 100 Ohms/500VDC/25℃ /70%RH                                                         |          |           |          |          |
| 工作温度、湿度     | Working Temp, Humidity    | -10℃ ~+60℃，20%~90%RH                                                                                                                                        |          |           |          |          |
| 安全标准        | Safety Standard           | 符合 GB4943 Compliance to GB4943                                                                                                                              |          |           |          |          |
| EMC 标准      | EMC Standard              | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                         |          |           |          |          |
| 重量          | Weight                    | 0.85Kg                                                                                                                                                      |          |           |          |          |

● 外形尺寸 Overall Dimension(mm)



S 系列 -240W 单组  
S-SERIES -240W SINGLE GROUP



● 概述 Application

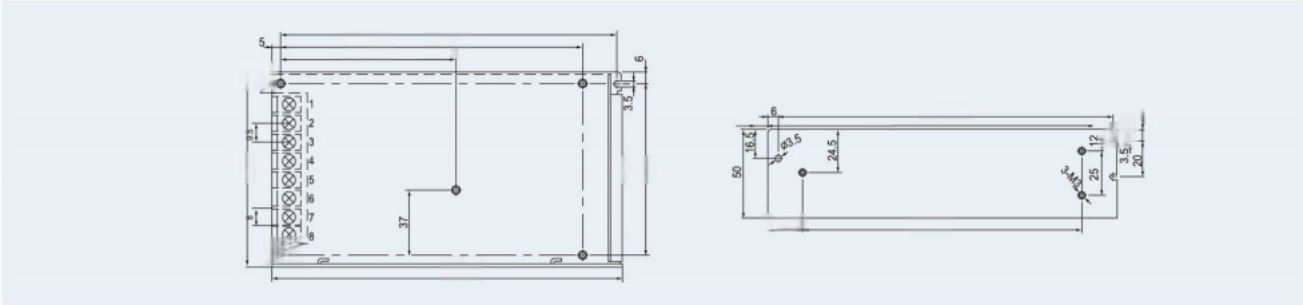
单组输出：功率 240W  
输入电压：110VAC/220VAC ± 20% 开关选择

Single output: 240W power  
Input voltage range: 110VAC/220VAC ± 20% Switch to choose

● 技术参数 Technical Parameters

| 性能 Technical performance |                           | 技术指标 Technical Index                                                                                                                                        |          |          |          |
|--------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|----------|
| 型号                       | Model                     | S-240-12                                                                                                                                                    | S-240-24 | S-240-36 | S-240-48 |
| 直流输出电压、额定电流              | DC Voltage、Rated Current  | 12V、20A                                                                                                                                                     | 24V、10A  | 36V、6.7A | 48V、5A   |
| 纹波 & 噪音（最大）              | Ripple & Noise(Max)       | 50mVp-p                                                                                                                                                     | 100mVp-p | 100mVp-p | 120mVp-p |
| 线性调整率                    | Line Regulation           | ± 0.3%                                                                                                                                                      | ± 0.2%   | ± 0.2%   | ± 0.2%   |
| 负载调整率                    | Load Regulation           | ± 0.3%                                                                                                                                                      | ± 0.2%   | ± 0.2%   | ± 0.2%   |
| 效率                       | Efficiency                | 82%                                                                                                                                                         | 84%      | 84%      | 86%      |
| 电压调整范围                   | Voltege Adj.range         | ± 10%                                                                                                                                                       | ± 10%    | ± 10%    | ± 10%    |
| 输入电压范围                   | Input Voltage Range       | 90~132VAC /180~264VAC（通过开关选择）                                                                                                                               |          |          |          |
| 冲击电流                     | Inrush Current            | 42A/230VAC 冷启动电流 Cold-Start Current                                                                                                                         |          |          |          |
| 过载保护                     | Overload Protection       | 额定功率的 110%-150%，保护模式：打嗝保护，异常条件移除后自动恢复<br>110% 150% rated output power, Protection type:Hiccup mode, recovers automatically after fault condition is removed |          |          |          |
| 过电压保护                    | Overvoltage Protection    | 115%~145%<br>保护模式：关断输出电压，异常条件移除后自动恢复<br>Protection type:Shut down o/p voltage, re-power on to recover                                                       |          |          |          |
| 启动 & 上升时间                | Start, Rlse and Hold Time | 1000ms 30ms/230VAC 2000ms 30ms/115VAC                                                                                                                       |          |          |          |
| 耐压                       | Withstand Voltage         | 输入对输出：1.5KVAC，输入对外壳：1.5KVAC，输出对外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1minute                                                      |          |          |          |
| 绝缘阻抗                     | Isolation Resistance      | 输入对输出，输入对外壳，输出对外壳：100 Ohms/500VDC/25℃ /70%RH<br>I/P-O/P, I/P-FG, O/P-FG: 100 Ohms/500VDC/25℃ /70%RH                                                         |          |          |          |
| 工作温度、湿度                  | Working Temp, Humidity    | -10℃ ~+60℃，20%~90%RH                                                                                                                                        |          |          |          |
| 安全标准                     | Safety Standard           | 符合 GB4943 Compliance to GB4943                                                                                                                              |          |          |          |
| EMC 标准                   | EMC Standard              | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                         |          |          |          |
| 重量                       | Neight                    | 0.85Kg                                                                                                                                                      |          |          |          |

● 外形尺寸 Overall Dimension(mm)





## S 系列 -250W 单组 S-SERIES -250W SINGLE GROUP



### ● 概述 Application

单组输出：功率 250W

输入电压：110VAC/220VAC ± 20% 开关选择

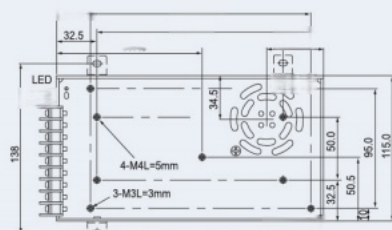
Single output：250W power

Input voltage：110VAC/220VAC ± 20% Switch to choose

### ● 技术参数 Technical Parameters

| 技术性能 Technical performance |                           | 技术指标 Technical index                                                                                                                                        |          |          |          |
|----------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|----------|
| 型号                         | Model                     | S-250-12                                                                                                                                                    | S-250-15 | S-250-24 | S-250-48 |
| 直流输出电压、额定电流                | DC Voltage、Rated Current  | 12V、20A                                                                                                                                                     | 15V、16A  | 24V、10A  | 48V、5A   |
| 纹波 & 噪音 (最大)               | Ripple & Noise(Max)       | 75mVp-p                                                                                                                                                     | 75mVp-p  | 100mVp-p | 120mVp-p |
| 线性调整率                      | Line Regulation           | ± 0.3%                                                                                                                                                      | ± 0.3%   | ± 0.3%   | ± 0.2%   |
| 负载调整率                      | Load Regulation           | ± 0.3%                                                                                                                                                      | ± 0.3%   | ± 0.3%   | ± 0.2%   |
| 效率                         | Efficiency                | 82%                                                                                                                                                         | 83%      | 85%      | 86%      |
| 电压调整范围                     | Voltage Adj.range         | ± 10%                                                                                                                                                       | ± 10%    | ± 10%    | ± 10%    |
| 输入电压范围                     | Input Voltage Range       | 90~132VAC /180~264VAC (通过开关选择)                                                                                                                              |          |          |          |
| 冲击电流                       | Inrush Current            | 42A/230VAC 冷启动电流 Cold-Start Current                                                                                                                         |          |          |          |
| 过载保护                       | Overload Protection       | 额定功率的 110%-150%，保护模式：打嗝保护，异常条件移除后自动恢复<br>110%-150% rated output power, Protection type:Hiccup mode, recovers automatically after fault condition is removed |          |          |          |
| 过电压保护                      | Overvoltage Protection    | 115%~145%<br>保护模式：关断输出电压，异常条件移除后自动恢复<br>Protection type:Shut down o/p voltage, re-power on to recover                                                       |          |          |          |
| 启动 & 上升时间                  | Start, Rise and Hold Time | 1000ms 30ms/230VAC 2000ms 30ms/115VAC                                                                                                                       |          |          |          |
| 耐压                         | Withstand Voltage         | 输入对输出：1.5KVAC，输入对外壳：1.5KVAC，输出对外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1minute                                                      |          |          |          |
| 绝缘阻抗                       | Isolation Resistance      | 输入对输出，输入对外壳，输出对外壳：100 Ohms/500VDC/25°C /70%RH<br>I/P-O/P, I/P-FG, O/P-FG: 100 Ohms/500VDC/25°C /70%RH                                                       |          |          |          |
| 工作温度、湿度                    | Working Temp, Humidity    | -10°C ~+60°C, 20%~90%RH                                                                                                                                     |          |          |          |
| 安全标准                       | Safety Standard           | 符合 GB4943 Compliance to GB4943                                                                                                                              |          |          |          |
| EMC 标准                     | EMC Standard              | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                         |          |          |          |
| 重量                         | Weight                    | 0.95Kg                                                                                                                                                      |          |          |          |

### ● 外形尺寸 Overall Dimension(mm)



S 系列 –350W 单组  
S-SERIES –350W SINGLE GROUP



应用 Application

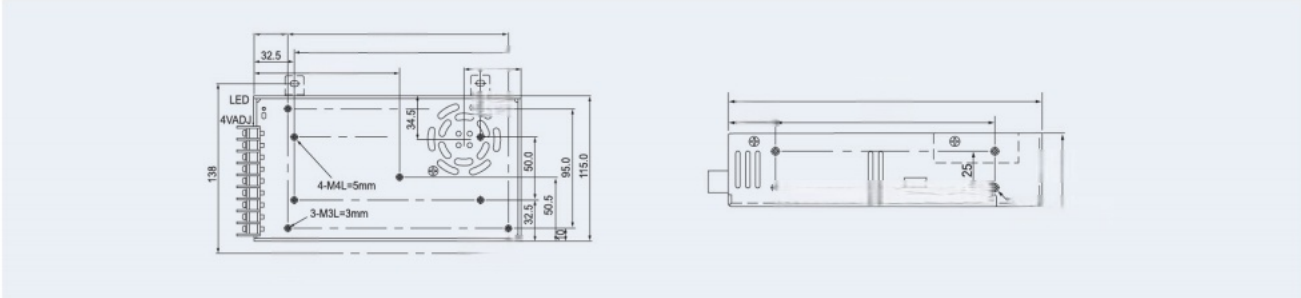
单组输出：功率 350W  
输入电压：110VAC/220VAC ± 20% 开关选择

Single output: 350W power  
Input voltage: 110VAC/220VAC ± 20% Switch to choose

● 技术参数 Technical Parameters

| 性能指标 Technical performance |                           | 技术指标 Technical Index                                                                                                                                        |          |           |          |
|----------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------|----------|
| 型号                         | Model                     | S-350-5                                                                                                                                                     | S-350-12 | S-350-24  | S-350-48 |
| 直流输出电压、额定电流                | DC Voltage、Rated Current  | 5V、50A                                                                                                                                                      | 12V、29A  | 24V、14.6A | 48V、7.3A |
| 纹波 & 噪音（最大）                | Ripple & Noise(Max)       | 75mVp-p                                                                                                                                                     | 75mVp-p  | 100mVp-p  | 120mVp-p |
| 线性调整率                      | Line Regulation           | ± 1.0%                                                                                                                                                      | ± 1.0%   | ± 1.0%    | ± 1.0%   |
| 负载调整率                      | Load Regulation           | ± 1.5%                                                                                                                                                      | ± 1.2%   | ± 1.0%    | ± 0.5%   |
| 效率                         | Efficiency                | 74%                                                                                                                                                         | 82%      | 84%       | 86%      |
| 电压调整范围                     | Voltage Adj.range         | ± 10%                                                                                                                                                       | ± 10%    | ± 10%     | ± 10%    |
| 输入电压范围                     | Input Voltage Range       | 90~132VAC /180~264VAC（通过开关选择）                                                                                                                               |          |           |          |
| 冲击电流                       | Inrush Current            | 42A/230VAC 冷启动电流 Cold-Start Current                                                                                                                         |          |           |          |
| 过载保护                       | Overload Protection       | 额定功率的 110%~150%，保护模式：打嗝保护，异常条件移除后自动恢复<br>110%~150% rated output power, Protection type:Hiccup mode, recovers automatically after fault condition is removed |          |           |          |
| 过电压保护                      | Overvoltage Protection    | 115%~145%<br>保护模式：关断输出电压，异常条件移除后自动恢复<br>Protection type:Shut down o/p voltage, re-power on to recover                                                       |          |           |          |
| 启动 & 上升时间                  | Start, Rise and Hold Time | 1000ms 30ms/230VAC 2000ms 30ms/115VAC                                                                                                                       |          |           |          |
| 耐压                         | Withstand Voltage         | 输入对输出：1.5KVAC，输入对外壳：1.5KVAC，输出对外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1minute                                                      |          |           |          |
| 绝缘阻抗                       | Isolation Resistance      | 输入对输出，输入对外壳，输出对外壳：100 Ohms/500VDC/25℃ /70%RH<br>I/P-O/P, I/P-FG, O/P-FG: 100 Ohms/500VDC/25℃ /70%RH                                                         |          |           |          |
| 工作温度、湿度                    | Working Temp, Humidity    | -10℃ ~+60℃，20%~90%RH                                                                                                                                        |          |           |          |
| 安全标准                       | Safety Standard           | 符合 GB4943 Compliance to GB4943                                                                                                                              |          |           |          |
| EMC 标准                     | EMC Standard              | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                         |          |           |          |
| 重量                         | Weight                    | 0.98Kg                                                                                                                                                      |          |           |          |

● 外形尺寸 Overall Dimension(mm)



S 系列 –400W 单组  
S-SERIES –400W SINGLE GROUP



● 概述 Application

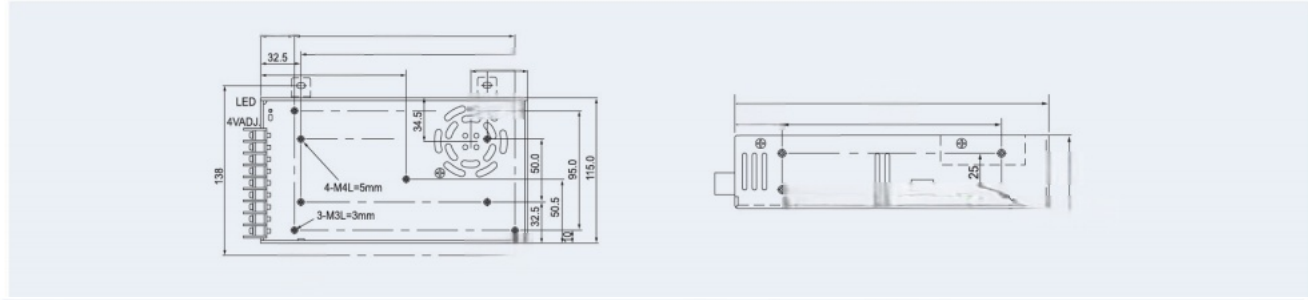
单组输出：功率 400W  
输入电压：110VAC/220VAC ± 20% 开关选择

Single output: 400W power  
Input voltage: 110VAC/220VAC ± 20% Switch to choose

● 技术参数 Technical Parameters

| 技术性能 Technical performance |                           | 技术指标 Technical Index                                                                                                                                        |           |           |          |
|----------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|----------|
| 型号                         | Model                     | S-400-5                                                                                                                                                     | S-400-12  | S-400-24  | S-400-48 |
| 直流输出电压、额定电流                | DC Voltage、Rated Current  | 5V、55A                                                                                                                                                      | 12V、33.3A | 24V、16.6A | 48V、8.3A |
| 纹波 & 噪音（最大）                | Ripple & Noise(Max)       | 100mVp-p                                                                                                                                                    | 150mVp-p  | 150mVp-p  | 240mVp-p |
| 线性调整率                      | Line Regulation           | ± 1.0%                                                                                                                                                      | ± 1.0%    | ± 1.0%    | ± 1.0%   |
| 负载调整率                      | Load Regulation           | ± 1.5%                                                                                                                                                      | ± 1.2%    | ± 1%      | ± 0.5%   |
| 效率                         | Efficiency                | 78%                                                                                                                                                         | 82%       | 84%       | 84%      |
| 电压调整范围                     | Voltage Adj.range         | ± 10%                                                                                                                                                       | ± 10%     | ± 10%     | ± 10%    |
| 输入电压范围                     | Input Voltage Range       | 90~132VAC /180~264VAC（通过开关选择）                                                                                                                               |           |           |          |
| 冲击电流                       | Inrush Current            | 42A/230VAC 冷启动电流 Cold-Start Current                                                                                                                         |           |           |          |
| 过载保护                       | Overload Protection       | 额定功率的 110%-150%，保护模式：打嗝保护，异常条件移除后自动恢复<br>110%-150% rated output power, Protection type:Hiccup mode, recovers automatically after fault condition is removed |           |           |          |
| 过电压保护                      | Overvoltage Protection    | 115%~145%<br>保护模式：关断输出电压，异常条件移除后自动恢复<br>Protection type:Shut down o/p voltage, re-power on to recover                                                       |           |           |          |
| 启动 & 上升时间                  | Start, Rise and Hold Time | 1000ms 30ms/230VAC 2000ms 30ms/115VAC                                                                                                                       |           |           |          |
| 耐压                         | Withstand Voltage         | 输入对输出：1.5KVAC，输入对外壳：1.5KVAC，输出对外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1minute                                                      |           |           |          |
| 绝缘阻抗                       | Isolation Resistance      | 输入对输出，输入对外壳，输出对外壳：100 Ohms/500VDC/25℃ /70%RH<br>I/P-O/P, I/P-FG, O/P-FG: 100 Ohms/500VDC/25℃ /70%RH                                                         |           |           |          |
| 工作温度、湿度                    | Working Temp, Humidity    | -10℃ ~+60℃，20%~90%RH                                                                                                                                        |           |           |          |
| 安全标准                       | Safety Standard           | 符合 GB4943 Compliance to GB4943                                                                                                                              |           |           |          |
| EMC 标准                     | EMC Standard              | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                         |           |           |          |
| 重量                         | Weight                    | 1.1Kg                                                                                                                                                       |           |           |          |

● 外形尺寸 Overall Dimension(mm)



S 系列 –500W 单组  
S-SERIES –500W SINGLE GROUP



● 概述 Application

单组输出：功率 500W  
输入电压：110VAC/220VAC ± 20% 开 关选择

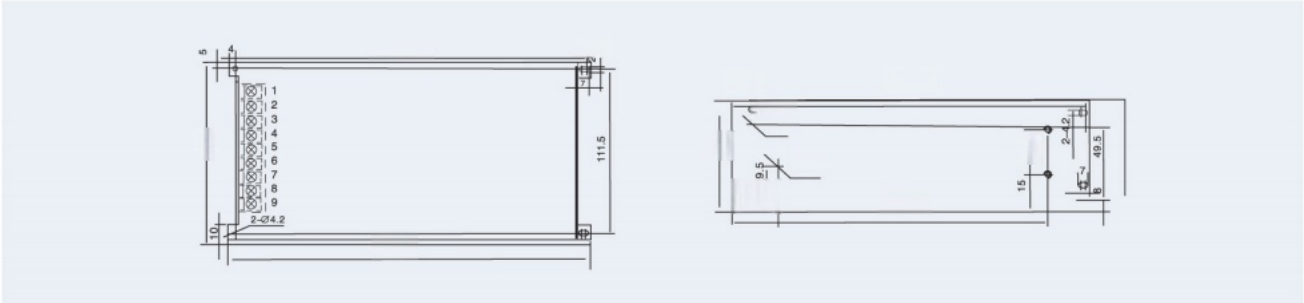
Single output: 500W power  
Input voltage: 180-264VAC

Tips : DC have 12V 15V 24V 36V 48V 60V 72V 80V 90V 100V 110V 120V 150V 180V 200V 220V 250V 280V 300V ...  
Taking this datasheet models as example, please refer to the detailed specifications for other models

● 技术参数 Technical Parameters

| 技术性能 Technical performance |                           | 技术指标 Technical Index                                                                                                                                        |           |           |           |
|----------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|-----------|
| 型号                         | Model                     | S-500-12V                                                                                                                                                   | S-500-24V | S-500-36V | S-500-48V |
| 直流输出电压、额定电流                | DC Voltage、Rated Current  | 12V、40A                                                                                                                                                     | 24V、20A   | 36V、13.9A | 48V、10A   |
| 纹波 & 噪音（最大）                | Ripple & Noise(Max)       | 75mVp-p                                                                                                                                                     | 100mVp-p  | 100mVp-p  | 120mVp-p  |
| 线性调整率                      | Line Regulation           | ± 0.5%                                                                                                                                                      | ± 0.5%    | ± 0.5%    | ± 0.5%    |
| 负载调整率                      | Load Regulation           | ± 0.5%                                                                                                                                                      | ± 0.5%    | ± 0.5%    | ± 0.5%    |
| 效率                         | Efficiency                | 84%                                                                                                                                                         | 85%       | 84%       | 87%       |
| 电压调整范围                     | Voltege Adj.range         | ± 10%                                                                                                                                                       | ± 10%     | ± 10%     | ± 10%     |
| 输入电压范围                     | Input Voltage Range       | 90~132VAC /180~264VAC （通 过开关选择）                                                                                                                             |           |           |           |
| 冲击电流                       | Inrush Current            | 42A/230VAC 冷启动电流 Cold-Start Current                                                                                                                         |           |           |           |
| 过载保护                       | Overload Protection       | 额定功率的 110%-150%，保护模式：打嗝保护，异常条件移除后自动恢复<br>110%-150% rated output power, Protection type:Hiccup mode, recovers automatically after fault condition is removed |           |           |           |
| 过电压保护                      | Overvoltage Protection    | 115%~145%<br>保护模式：关断输出电压，异常条件移除后自动恢复<br>Protection type:Shut down o/p voltage, re-power on to recover                                                       |           |           |           |
| 启动 & 上升时间                  | Start, Rise and Hold Time | 1000ms 30ms/230VAC 2000ms 30ms/115VAC                                                                                                                       |           |           |           |
| 耐压                         | Withstand Voltage         | 输入对输出：1.5KVAC，输入对外壳：1.5KVAC，输出对外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1minute                                                      |           |           |           |
| 绝缘阻抗                       | Isolation Resistance      | 输入对输出，输入对外壳，输出对外壳：100 Ohms/500VDC/25℃ /70%RH<br>I/P-O/P, I/P-FG, O/P-FG: 100 Ohms/500VDC/25℃ /70%RH                                                         |           |           |           |
| 工作温度、湿度                    | Working Temp, Humidity    | -10℃ ~+60℃，20%~90%RH                                                                                                                                        |           |           |           |
| 安全标准                       | Safety Standard           | 符合 GB4943 Compliance to GB4943                                                                                                                              |           |           |           |
| EMC 标准                     | EMC Standard              | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                         |           |           |           |
| 重量                         | Weight                    | 1.3Kg                                                                                                                                                       |           |           |           |

● 外形尺寸 Overall Dimension(mm)





## S 系列 -600W 单组

### S-SERIES -600W SINGLE GROUP



#### ● 概述 Application

单组输出：功率 600W  
输入电压：110VAC/220VAC  $\pm 20\%$  开 关 选择

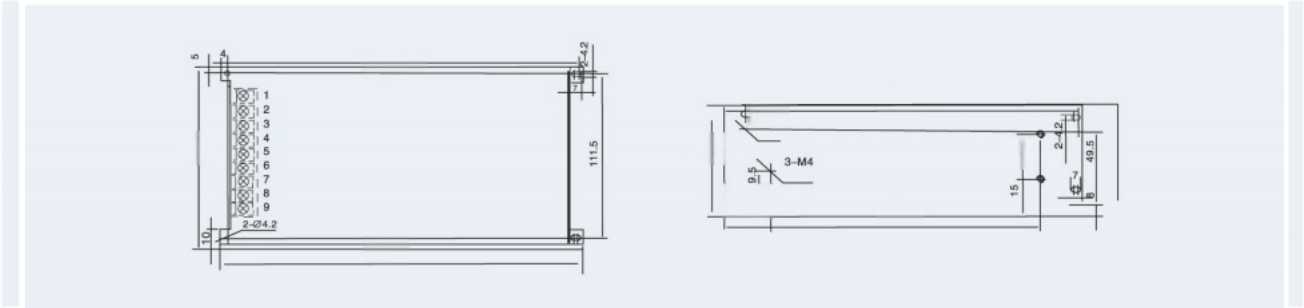
Single output: 600W power  
Input voltage: 180-264VAC

Tips : DC have 12V 15V 24V 36V 48V 60V 72V 80V 90V 100V 110V  
120V 150V 180V 200V 220V 250V 280V 300V ...  
Taking this datasheet models as example, please refer to the detailed specifications for other models

#### ● 技术参数 Technical Parameters

| 技术性能 Technical performance |                           | 技术指标 Technical Index                                                                                                                                        |             |             |             |
|----------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-------------|
| 型号                         | Model                     | S-600-12V                                                                                                                                                   | S-600-24V   | S-600-36V   | S-600-48V   |
| 直流输出电压、额定电流                | DC Voltage、Rated Current  | 12V、50A                                                                                                                                                     | 24V、25A     | 36V、16.7A   | 48V、12.5A   |
| 纹波 & 噪音（最大）                | Ripple & Noise(Max)       | 75mVp-p                                                                                                                                                     | 100mVp-p    | 100mVp-p    | 120mVp-p    |
| 线性调整率                      | Line Regulation           | $\pm 0.5\%$                                                                                                                                                 | $\pm 0.5\%$ | $\pm 0.5\%$ | $\pm 0.5\%$ |
| 负载调整率                      | Load Regulation           | $\pm 0.5\%$                                                                                                                                                 | $\pm 0.5\%$ | $\pm 0.5\%$ | $\pm 0.5\%$ |
| 效率                         | Efficiency                | 84%                                                                                                                                                         | 85%         | 84%         | 87%         |
| 电压调整范围                     | Voltage Adj.range         | $\pm 10\%$                                                                                                                                                  | $\pm 10\%$  | $\pm 10\%$  | $\pm 10\%$  |
| 输入电压范围                     | Input Voltage Range       | 90~132VAC /180~264VAC （通 过开关选择）                                                                                                                             |             |             |             |
| 冲击电流                       | Inrush Current            | 42A/230VAC 冷启动电流 Cold-Start Current                                                                                                                         |             |             |             |
| 过载保护                       | Overload Protection       | 额定功率的 110%-150%，保护模式：打嗝保护，异常条件移除后自动恢复<br>110%-150% rated output power, Protection type:Hiccup mode, recovers automatically after fault condition is removed |             |             |             |
| 过电压保护                      | Overvoltage Protection    | 115%~145%<br>保护模式：关断输出电压，异常条件移除后自动恢复<br>Protection type:Shut down o/p voltage, re-power on to recover                                                       |             |             |             |
| 启动 & 上升时间                  | Start, Rise and Hold Time | 1000ms 30ms/230VAC 2000ms 30ms/115VAC                                                                                                                       |             |             |             |
| 耐压                         | Withstand Voltage         | 输入对输出：1.5KVAC，输入对外壳：1.5KVAC，输出对外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1minute                                                      |             |             |             |
| 绝缘阻抗                       | Isolation Resistance      | 输入对输出，输入对外壳，输出对外壳：100 Ohms/500VDC/25℃ /70%RH<br>I/P-O/P, I/P-FG, O/P-FG: 100 Ohms/500VDC/25℃ /70%RH                                                         |             |             |             |
| 工作温度、湿度                    | Working Temp, Humidity    | -10℃ ~+60℃, 20%~90%RH                                                                                                                                       |             |             |             |
| 安全标准                       | Safety Standard           | 符合 GB4943 Compliance to GB4943                                                                                                                              |             |             |             |
| EMC 标准                     | EMC Standard              | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                         |             |             |             |
| 重量                         | Weight                    | 1.3Kg                                                                                                                                                       |             |             |             |

#### ● 外形尺寸 Overall Dimension(mm)



S系列-800W~1000W开关电源  
S-SERIES-800W~1000W SERIES SWITCH POWER SUPPLY



● 概述 Application

单组输出：功率 1000W  
输入电压：180-264VAC

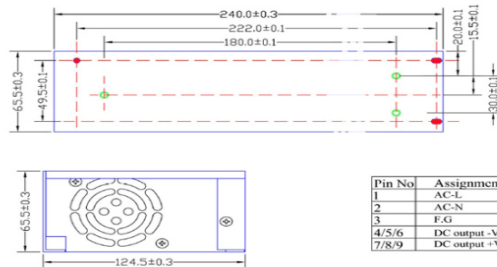
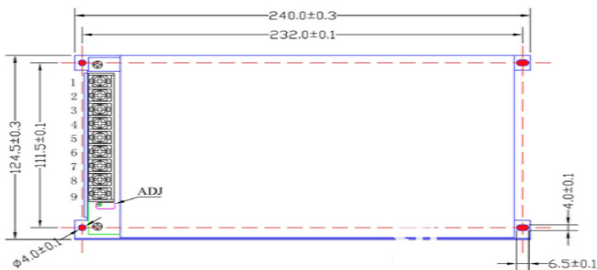
Single output: 1000W power  
Input voltage: 180-264VAC

Tips: DC have 12V 15V 24V 36V 48V 60V 72V 80V 90V 100V 110V 120V 150V 180V 200V 220V 250V 280V 300V ...  
Taking this datasheet models as example, please refer to the detailed specifications for other models

● 技术参数 Technical Parameters

| 技术性能 Technical performance |                           | 技术指标 Technical index                                                                                                                                        |             |           |           |           |           |
|----------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|-----------|-----------|-----------|
| 型号                         | Model                     | S-1000-12                                                                                                                                                   | S-1000-13.5 | S-1000-15 | S-1000-24 | S-1000-36 | S-1000-48 |
| 直流输出电压、额定电流                | DC Voltage、Rated Current  | 12V、83A                                                                                                                                                     | 13.5V、74A   | 15V、67A   | 24V、41.7A | 36V、28A   | 48V、21A   |
| 纹波 & 噪音（最大）                | Ripple & Noise(Max)       | 200mVp-p                                                                                                                                                    | 200mVp-p    | 200mVp-p  | 200mVp-p  | 200mVp-p  | 200mVp-p  |
| 线性调整率                      | Line Regulation           | ± 0.5%                                                                                                                                                      | ± 0.5%      | ± 0.5%    | ± 0.5%    | ± 0.5%    | ± 0.5%    |
| 负载调整率                      | Load Regulation           | ± 0.5%                                                                                                                                                      | ± 0.5%      | ± 0.5%    | ± 0.5%    | ± 0.5%    | ± 0.5%    |
| 效率                         | Efficiency                | 84%                                                                                                                                                         | 84%         | 85%       | 85.5%     | 86.5%     | 87%       |
| 电压调整范围                     | Voltage Adj.range         | ± 10%                                                                                                                                                       | ± 10%       | ± 10%     | ± 10%     | ± 10%     | ± 10%     |
| 输入电压范围                     | Input Voltage Range       | 180-264VAC /100-150VAC                                                                                                                                      |             |           |           |           |           |
| 冲击电流                       | Inrush Current            | 42A/230VAC 冷启动电流 Cold-Start Current                                                                                                                         |             |           |           |           |           |
| 过载保护                       | Overload Protection       | 额定功率的 110%-150%，保护模式：打嗝保护，异常条件移除后自动恢复<br>110% 150% rated output power, Protection type:Hiccup mode, recovers automatically after fault condition is removed |             |           |           |           |           |
| 过电压保护                      | Overvoltage Protection    | 115%~145%<br>保护模式：关断输出电压，异常条件移除后自动恢复<br>Protection type:Shut down o/p voltage, re-power on to recover                                                       |             |           |           |           |           |
| 启动 & 上升时间                  | Start, Rise and Hold Time | 1000ms 30ms/230VAC 2000ms 30ms/115VAC                                                                                                                       |             |           |           |           |           |
| 耐压                         | Withstand Voltage         | 输入对输出：1.5KVAC，输入对外壳：1.5KVAC，输出对外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1minute                                                      |             |           |           |           |           |
| 绝缘阻抗                       | Isolation Resistance      | 输入对输出，输入对外壳，输出对外壳：100 Ohms/500VDC/25℃ /70%RH<br>I/P-O/P, I/P-FG, O/P-FG: 100 Ohms/500VDC/25℃ /70%RH                                                         |             |           |           |           |           |
| 工作温度、湿度                    | Working Temp, Humidity    | -10℃ ~+60℃，20%~90%RH                                                                                                                                        |             |           |           |           |           |
| 安全标准                       | Safety Standard           | 符合 GB4943 Compliance to GB4943                                                                                                                              |             |           |           |           |           |
| EMC 标准                     | EMC Standard              | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                         |             |           |           |           |           |
| 重量                         | Weight                    | 2.5kg                                                                                                                                                       |             |           |           |           |           |

● 外形尺寸 Overall Dimension(mm)



| Pin No | Assignment   |
|--------|--------------|
| 1      | AC-L         |
| 2      | AC-N         |
| 3      | F.G          |
| 4/5/6  | DC output -V |
| 7/8/9  | DC output +V |

S 系列 -1200W 开关电源  
S-SERIES -1200W SERIES SWITCH POWER SUPPLY



● 概述 Application

单组输出：功率 1200W  
输入电压：180-264VAC

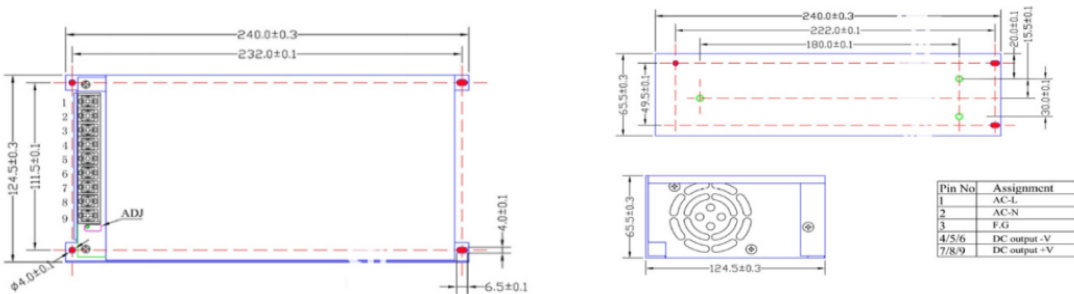
Single output：1200W power  
Input voltage：180-264VAC

Tips：DC have 12V 15V 24V 36V 48V 60V 72V 80V 90V 100V 110V 120V 150V 180V 200V 220V 250V 280V 300V ...  
Taking this datasheet models as example, please refer to the detailed specifications for other models

● 技术参数 Technical Parameters

| 技术性能 Technical performance |                           | 技术指标 Technical Index                                                                                                                                        |           |           |
|----------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|
| 型号                         | Model                     | S-1200-24                                                                                                                                                   | S-1200-36 | S-1200-48 |
| 直流输出电压、额定电流                | DC Voltage、Rated Current  | 24V、50A                                                                                                                                                     | 36V、33A   | 48V、25A   |
| 纹波 & 噪音（最大）                | Ripple & Noise(Max)       | 200mVp-p                                                                                                                                                    | 200mVp-p  | 200mVp-p  |
| 线性调整率                      | Line Regulation           | ± 0.5%                                                                                                                                                      | ± 0.5%    | ± 0.5%    |
| 负载调整率                      | Load Regulation           | ± 0.5%                                                                                                                                                      | ± 0.5%    | ± 0.5%    |
| 效率                         | Efficiency                | 85.5%                                                                                                                                                       | 86.5%     | 87%       |
| 电压调整范围                     | Voltage Adj.range         | ± 10%                                                                                                                                                       | ± 10%     | ± 10%     |
| 输入电压范围                     | Input Voltage Range       | 180-264VAC /100-150VAC                                                                                                                                      |           |           |
| 冲击电流                       | Inrush Current            | 42A/230VAC 冷启动电流 Cold-Start Current                                                                                                                         |           |           |
| 过载保护                       | Overload Protection       | 额定功率的 110%-150%，保护模式：打嗝保护，异常条件移除后自动恢复<br>110%-150% rated output power, Protection type:Hiccup mode, recovers automatically after fault condition is removed |           |           |
| 过电压保护                      | Overvoltage Protection    | 115%~145%<br>保护模式：关断输出电压，异常条件移除后自动恢复<br>Protection type:Shut down o/p voltage, re-power on to recover                                                       |           |           |
| 启动 & 上升时间                  | Start, Rise and Hold Time | 1000ms 30ms/230VAC 2000ms 30ms/115VAC                                                                                                                       |           |           |
| 耐压                         | Withstand Voltage         | 输入对输出：1.5KVAC，输入对外壳：1.5KVAC，输出对外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1minute                                                      |           |           |
| 绝缘阻抗                       | Isolation Resistance      | 输入对输出，输入对外壳，输出对外壳：100 Ohms/500VDC/25℃ /70%RH<br>I/P-O/P, I/P-FG, O/P-FG: 100 Ohms/500VDC/25℃ /70%RH                                                         |           |           |
| 工作温度、湿度                    | Working Temp, Humidity    | -10℃ ~+60℃, 20%~90%RH                                                                                                                                       |           |           |
| 安全标准                       | Safety Standard           | 符合 GB4943 Compliance to GB4943                                                                                                                              |           |           |
| EMC 标准                     | EMC Standard              | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                         |           |           |
| 重量                         | Weight                    | 2.5kg                                                                                                                                                       |           |           |

● 外形尺寸 Overall Dimension(mm)



S( 恒压恒流 ) 系列 -1200W

S [constant voltage and current] series - 1200W

There are other models in this series, including 1500W, 1800W, 2000W, 2500W, and 3000W .



● 概述 Application

单组输出：功率 1200W  
输入电压：180-264VAC

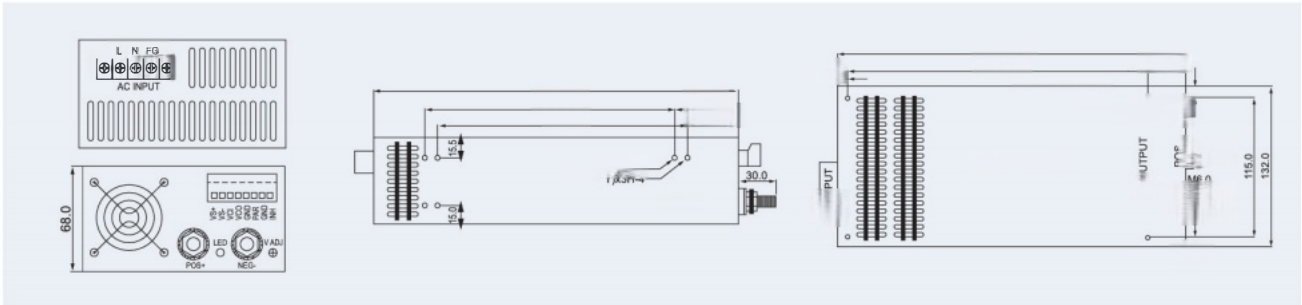
Single output：1200W power  
Input voltage：180-264VAC

Tips：DC have 12V 15V 24V 36V 48V 60V 72V 80V 90V 100V 110V 120V 150V 180V 200V 220V 250V 280V 300V ...  
Taking this datasheet models as example, please refer to the detailed specifications for other models

● 技术参数 Technical Parameters

| 技术性能 Technical performance |                           | 技术指标 Technical Index                                                                                                                                        |               |               |
|----------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|
| 型号                         | Model                     | S-1200-(0-24)                                                                                                                                               | S-1200-(0-36) | S-1200-(0-48) |
| 直流输出电压、额定电流                | DC Voltage、Rated Current  | 24V、50A                                                                                                                                                     | 36V、33A       | 48V、25A       |
| 纹波 & 噪音（最大）                | Ripple & Noise(Max)       | 200mVp-p                                                                                                                                                    | 200mVp-p      | 200mVp-p      |
| 线性调整率                      | Line Regulation           | ± 0.5%                                                                                                                                                      | ± 0.5%        | ± 0.5%        |
| 负载调整率                      | Load Regulation           | ± 0.5%                                                                                                                                                      | ± 0.5%        | ± 0.5%        |
| 效率                         | Efficiency                | 85.5%                                                                                                                                                       | 86.5%         | 87%           |
| 电压调整范围                     | Voltage Adj.range         | 0-24V                                                                                                                                                       | 0-36V         | 0-48V         |
| 输入电压范围                     | Input Voltage Range       | 180-264VAC /100-150VAC                                                                                                                                      |               |               |
| 冲击电流                       | Inrush Current            | 42A/230VAC 冷启动电流 Cold-Start Current                                                                                                                         |               |               |
| 过载保护                       | Overload Protection       | 额定功率的 110%-150%，保护模式：打嗝保护，异常条件移除后自动恢复<br>110% 150% rated output power, Protection type:Hiccup mode, recovers automatically after fault condition is removed |               |               |
| 过电压保护                      | Overvoltage Protection    | 115%~145%<br>保护模式：关断输出电压，异常条件移除后自动恢复<br>Protection type:Shut down o/p voltage, re-power on to recover                                                       |               |               |
| 启动 & 上升时间                  | Start, Rise and Hold Time | 1000ms 30ms/230VAC 2000ms 30ms/115VAC                                                                                                                       |               |               |
| 耐压                         | Withstand Voltage         | 输入对输出：1.5KVAC，输入对外壳：1.5KVAC，输出对外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1minute                                                      |               |               |
| 绝缘阻抗                       | Isolation Resistance      | 输入对输出，输入对外壳，输出对外壳：100 Ohms/500VDC/25℃ /70%RH<br>I/P-O/P, I/P-FG, O/P-FG: 100 Ohms/500VDC/25℃ /70%RH                                                         |               |               |
| 工作温度、湿度                    | Working Temp, Humidity    | -10℃ ~+60℃，20%~90%RH                                                                                                                                        |               |               |
| 安全标准                       | Safety Standard           | 符合 GB4943 Compliance to GB4943                                                                                                                              |               |               |
| EMC 标准                     | EMC Standard              | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                         |               |               |
| 重量                         | Weight                    | 2.6kg                                                                                                                                                       |               |               |

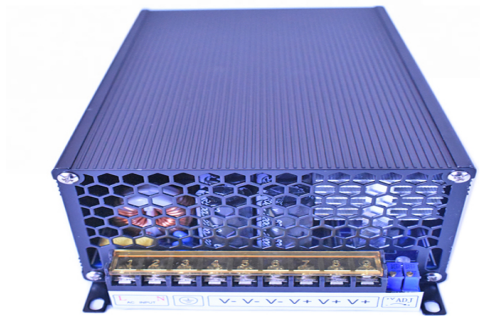
● 外形尺寸 Overall Dimension(mm)





S( 恒压恒流 ) 系列 -1500W

S.constant voltage and current series - 1200W



● 概述 Application

单组输出：功率1500W

输入电压：180-264VAC

Single output：1500W power

Input voltage：180-264VAC

Tips：DC have 12V 15V 24V 36V 48V 60V 72V 80V 90V 100V 110V 120V 150V 180V 200V 220V 250V 280V 300V ...  
Taking this datasheet models as example, please refer to the detailed specifications for other models

● 技术参数 Technical Parameters

| 技术性能 Technical performance |                           | 技术指标 Technical Index                                                                                                                                        |              |               |
|----------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------------|
| 型号                         | Model                     | S-1500-(0-24)                                                                                                                                               | S1500-(0-36) | S-1500-(0-48) |
| 直流输出电压、额定电流                | DC Voltage、Rated Current  | 24V、62.5A                                                                                                                                                   | 36V、42A      | 48V、31A       |
| 纹波 & 噪音（最大）                | Ripple & Noise(Max)       | 200mVp-p                                                                                                                                                    | 200mVp-p     | 200mVp-p      |
| 线性调整率                      | Line Regulation           | ± 0.5%                                                                                                                                                      | ± 0.5%       | ± 0.5%        |
| 负载调整率                      | Load Regulation           | ± 0.5%                                                                                                                                                      | ± 0.5%       | ± 0.5%        |
| 效率                         | Efficiency                | 85.5%                                                                                                                                                       | 86.5%        | 87%           |
| 电压调整范围                     | Voltage Adj.range         | 0-24V                                                                                                                                                       | 0-36V        | 0-48V         |
| 输入电压范围                     | Input Voltage Range       | 180-264VAC /100-150VAC                                                                                                                                      |              |               |
| 冲击电流                       | Inrush Current            | 42A/230VAC 冷启动电流 Cold-Start Current                                                                                                                         |              |               |
| 过载保护                       | Overload Protection       | 额定功率的 110%-150%，保护模式：打嗝保护，异常条件移除后自动恢复<br>110%-150% rated output power, Protection type:Hiccup mode, recovers automatically after fault condition is removed |              |               |
| 过电压保护                      | Overvoltage Protection    | 115%~145%<br>保护模式：关断输出电压，异常条件移除后自动恢复<br>Protection type:Shut down o/p voltage, re-power on to recover                                                       |              |               |
| 启动 & 上升时间                  | Start, Rise and Hold Time | 1000ms 30ms/230VAC 2000ms 30ms/115VAC                                                                                                                       |              |               |
| 耐压                         | Withstand Voltage         | 输入对输出：1.5KVAC，输入对外壳：1.5KVAC，输出对外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1minute                                                      |              |               |
| 绝缘阻抗                       | Isolation Resistance      | 输入对输出，输入对外壳，输出对外壳：100 Ohms/500VDC/25℃ /70%RH<br>I/P-O/P, I/P-FG, O/P-FG: 100 Ohms/500VDC/25℃ /70%RH                                                         |              |               |
| 工作温度、湿度                    | Working Temp, Humidity    | -10℃ ~+60℃，20%~90%RH                                                                                                                                        |              |               |
| 安全标准                       | Safety Standard           | 符合 GB4943 Compliance to GB4943                                                                                                                              |              |               |
| EMC 标准                     | EMC Standard              | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                         |              |               |
| 重量                         | Weight                    | 2.6kg                                                                                                                                                       |              |               |

● 外形尺寸 Overall Dimension(mm)



安装尺寸示意图

外形尺寸：242-125-75

S( 恒压恒流 ) 系列 -1800W  
S [constant voltage and current] series -1800W



● 概述 Application

单组输出：功率 1800W  
输入电压：180-264VAC

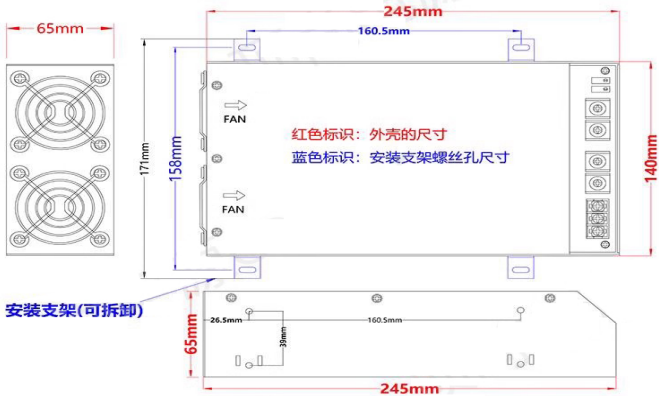
Single output: 1800W power  
Input voltage: 180-264VAC

Tips: DC have 12V 15V 24V 36V 48V 60V 72V 80V 90V 100V 110V 120V 150V 180V 200V 220V 250V 280V 300V ...  
Taking this datasheet models as example, please refer to the detailed specifications for other models

● 技术参数 Technical Parameters

| 技术性能 Technical performance |                           | 技术指标 Technical Index                                                                                                                                        |               |               |
|----------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|
| 型号                         | Model                     | S-1800-(0-24)                                                                                                                                               | S-1800-(0-36) | S-1800-(0-48) |
| 直流输出电压、额定电流                | DC Voltage、Rated Current  | 24V、75A                                                                                                                                                     | 36V、50A       | 48V、37.5A     |
| 纹波 & 噪音（最大）                | Ripple & Noise(Max)       | 200mVp-p                                                                                                                                                    | 200mVp-p      | 200mVp-p      |
| 线性调整率                      | Line Regulation           | ± 0.5%                                                                                                                                                      | ± 0.5%        | ± 0.5%        |
| 负载调整率                      | Load Regulation           | ± 0.5%                                                                                                                                                      | ± 0.5%        | ± 0.5%        |
| 效率                         | Efficiency                | 85.5%                                                                                                                                                       | 86.5%         | 87%           |
| 电压调整范围                     | Voltage Adj.range         | 0-24V                                                                                                                                                       | 0-36V         | 0-48V         |
| 输入电压范围                     | Input Voltage Range       | 180-264VAC / 100-155VAC                                                                                                                                     |               |               |
| 冲击电流                       | Inrush Current            | 42A/230VAC 冷启动电流 Cold-Start Current                                                                                                                         |               |               |
| 过载保护                       | Overload Protection       | 额定功率的 110%-150%，保护模式：打嗝保护，异常条件移除后自动恢复<br>110% 150% rated output power, Protection type:Hiccup mode, recovers automatically after fault condition is removed |               |               |
| 过电压保护                      | Overvoltage Protection    | 115%~145%<br>保护模式：关断输出电压，异常条件移除后自动恢复<br>Protection type:Shut down o/p voltage, re-power on to recover                                                       |               |               |
| 启动 & 上升时间                  | Start, Rise and Hold Time | 1000ms 30ms/230VAC 2000ms 30ms/115VAC                                                                                                                       |               |               |
| 耐压                         | Withstand Voltage         | 输入对输出：1.5KVAC，输入对外壳：1.5KVAC，输出对外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1minute                                                      |               |               |
| 绝缘阻抗                       | Isolation Resistance      | 输入对输出，输入对外壳，输出对外壳：100 Ohms/500VDC/25℃ /70%RH<br>I/P-O/P, I/P-FG, O/P-FG: 100 Ohms/500VDC/25℃ /70%RH                                                         |               |               |
| 工作温度、湿度                    | Working Temp, Humidity    | -10℃ ~+60℃，20%~90%RH                                                                                                                                        |               |               |
| 安全标准                       | Safety Standard           | 符合 GB4943 Compliance to GB4943                                                                                                                              |               |               |
| EMC 标准                     | EMC Standard              | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                         |               |               |
| 重量                         | Weight                    | 2.8kg                                                                                                                                                       |               |               |

● 外形尺寸 Overall Dimension(mm)



RSP( 恒压恒流 ) 系列 –2000W

RSP [constant voltage and current series – 2000W



● 概述 Application

单组输出：功率 2000W  
输入电压：180-264VAC

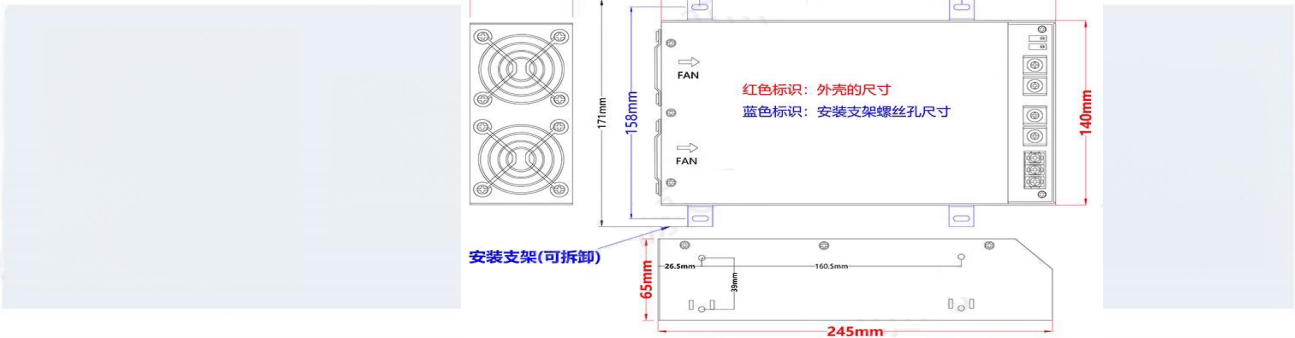
Single output: 2000W power  
Input voltage: 180-264VAC

Tips: DC have 12V 15V 24V 36V 48V 60V 72V 80V 90V 100V 110V  
120V 150V 180V 200V 220V 250V 280V 300V ...  
Taking this datasheet models as example, please refer to the detailed  
specifications for other models

● 技术参数 Technical Parameters

| 型号           | Model                     | RSP-2000-(0-24)                                                                                                                                             | RSP-2000-(0-36) | RSP-2000-(0-48) |
|--------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|
| 输出输出电压、额定电流  | DC Voltage、Rated Current  | 24V、80A                                                                                                                                                     | 36V、55A         | 48V、42A         |
| 纹波 & 噪音 (最大) | Ripple & Niose(Max)       | 200mVp-p                                                                                                                                                    | 200mVp-p        | 200mVp-p        |
| 线性调整率        | Line Regulation           | ± 0.5%                                                                                                                                                      | ± 0.5%          | ± 0.5%          |
| 负载调整率        | Load Regulation           | ± 0.5%                                                                                                                                                      | ± 0.5%          | ± 0.5%          |
| 效率           | Efficiency                | 85.5%                                                                                                                                                       | 86.5%           | 87%             |
| 电压调整范围       | Voltage Adj.range         | 0-24V                                                                                                                                                       | 0-36V           | 0-48V           |
| 输入电压范围       | Input Voltage Range       | 100-264VAC                                                                                                                                                  |                 |                 |
| 冲击电流         | Inrush Current            | 42A/230VAC 冷启动电流 Cold-Start Current                                                                                                                         |                 |                 |
| 过载保护         | Overload Protection       | 额定功率的 110%-150%，保护模式：打嗝保护，异常条件移除后自动恢复<br>110%-150% rated output power, Protection type:Hiccup mode, recovers automatically after fault condition is removed |                 |                 |
| 过电压保护        | Overvoltage Protection    | 115%-145%<br>保护模式：关断输出电压，异常条件移除后自动恢复<br>Protection type:Shut down o/p voltage, re-power on to recover                                                       |                 |                 |
| 启动 & 上升时间    | Start, Rise and Hold Time | 1000ms 30ms/230VAC 2000ms 30ms/115VAC                                                                                                                       |                 |                 |
| 耐压           | Withstand Voltage         | 输入对输出：1.5KVAC，输入对外壳：1.5KVAC，输出对外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1minute                                                      |                 |                 |
| 绝缘阻抗         | Isolation Resistance      | 输入对输出，输入对外壳，输出对外壳：100 Ohms/500VDC/25℃ /70%RH<br>I/P-O/P, I/P-FG, O/P-FG: 100 Ohms/500VDC/25℃ /70%RH                                                         |                 |                 |
| 工作温度、湿度      | Working Temp, Humidity    | -10℃ ~+60℃，20%~90%RH                                                                                                                                        |                 |                 |
| 安全标准         | Safety Standard           | 符合 GB4943 Compliance to GB4943                                                                                                                              |                 |                 |
| EMC 标准       | EMC Standard              | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                         |                 |                 |
| 重量           | Weight                    | 2.8kg                                                                                                                                                       |                 |                 |

● 外形尺寸 Overall Dimenslon(mm)



RSP( 恒压恒流 ) 系列 –3000W  
RSP constant voltage and current series – 3000W



● 概述 Application

单组输出：功率 3000W  
输入电压：180-264VAC

Single output：3000W power  
Input voltage：180-264VAC

Tips：DC have 12V 15V 24V 36V 48V 60V 72V 80V 90V 100V 110V 120V 150V 180V 200V 220V 250V 280V 300V ...  
Taking this datasheet models as example, please refer to the detailed specifications for other models

● 技术参数 Technical Parameters

| 技术性能 Technical performance |                           | 技术指标 Technical index                                                                                                                                      |                 |                 |
|----------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|
| 型号                         | Model                     | RSP-3000-(0-24)                                                                                                                                           | RSP-3000-(0-36) | RSP-3000-(0-48) |
| 直流输出电压、额定电流                | DC Voltage、Rated Current  | 24V、125A                                                                                                                                                  | 36V、83A         | 48V、62.5A       |
| 纹波 & 噪音（最大）                | Ripple & Noise(Max)       | < 150mVp-p                                                                                                                                                | < 240mVp-p      | < 240mVp-p      |
| 线性调整率                      | Line Regulation           | ± 0.5%                                                                                                                                                    | ± 0.5%          | ± 0.5%          |
| 负载调整率                      | Load Regulation           | 0.3%                                                                                                                                                      | 0.3%            | 0.3%            |
| 效率                         | Efficiency                | > 85%                                                                                                                                                     | > 85%           | > 85%           |
| 电压调整范围                     | Voltage Adj.range         | 0-24V                                                                                                                                                     | 0-36V           | 0-48V           |
| 输入电压范围                     | Input Voltage Range       | 100-264VAC 47Hz~63Hz；                                                                                                                                     |                 |                 |
| 冲击电流                       | Inrush Current            | 60A 230VAC                                                                                                                                                |                 |                 |
| 过载保护                       | Overload Protection       | 105%~135% 类型；恒流输出 +V0 降至欠压点 切断输出复位；重新上电<br>105%~135% type; Constant current output+V0 drops to undervoltage point to cut off output reset; Power on again |                 |                 |
| 过电压保护                      | Overvoltage Protection    | RTH3；风机常转，≥ 90℃关闭输出<br>RTH3； Fan runs normally, ≥ 90℃, output is closed                                                                                   |                 |                 |
| 启动 & 上升时间                  | Start, Rise and Hold Time | 2000ms 50ms/230VAC                                                                                                                                        |                 |                 |
| 耐压                         | Withstand Voltage         | 输入 - 输出：1.5KVAC，输入对外壳：1.5KVAC，输出 - 外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1 minute                                               |                 |                 |
| 绝缘阻抗                       | Isolation Resistance      | 输入对输出，输入对外壳，输出对外壳：100 Ohms/500VDC/25℃ /70%RH<br>I/P-O/P, I/P-FG, O/P-FG: 100 Ohms/500VDC/25℃ /70%RH                                                       |                 |                 |
| 工作温度、湿度                    | Working Temp, Humidity    | -10℃ ~+50℃；20%~90%RH                                                                                                                                      |                 |                 |
| 安全标准                       | Safety Standard           | 符合 GB4943 Compliance to GB4943                                                                                                                            |                 |                 |
| EMC 标准                     | EMC Standard              | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                       |                 |                 |
| 重量                         | Weight                    | 4.2Kg                                                                                                                                                     |                 |                 |



S( 恒压恒流 ) 系列 –4000W / 5000W  
S(constant voltage and current) series – 4000W/5000W



● 概述 Application

单组输出：功率 4000W  
输入电压：180-264VAC

Single output：4000W power  
Input voltage：180-264VAC

Tips：DC have 12V 15V 24V 36V 48V 60V 72V 80V 90V 100V 110V  
120V 150V 180V 200V 220V 250V 280V 300V ...  
Taking this datasheet models as example, please refer to the detailed  
specifications for other models

● 技术参数 Technical Parameters

| 技术性能 Technical performance |                           | 技术指标 Technical Index                                                                                                                                         |               |               |
|----------------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|
| 型号                         | Model                     | S-4000-(0-24)                                                                                                                                                | S-4000-(0-36) | S-4000-(0-48) |
| 直流输出电压、额定电流                | DC Voltage、Rated Current  | 24V、167A                                                                                                                                                     | 36V、111A      | 48V、83A       |
| 纹波 & 噪音（最大）                | Ripple & Noise(Max)       | < 150mVp-p                                                                                                                                                   | < 240mVp-p    | < 240mVp-p    |
| 线性调整率                      | Line Regulation           | ± 0.5%                                                                                                                                                       | ± 0.5%        | ± 0.5%        |
| 负载调整率                      | Load Regulation           | 0.3%                                                                                                                                                         | 0.3%          | 0.3%          |
| 效率                         | Efficiency                | > 85%                                                                                                                                                        | > 85%         | > 85%         |
| 电压调整范围                     | Voltage Adj.range         | 0-24V                                                                                                                                                        | 0-36V         | 0-48V         |
| 输入电压范围                     | Input Voltage Range       | 180-264VAC；100VAC~155VDC                                                                                                                                     |               |               |
| 冲击电流                       | Inrush Current            | 60A 220VAC                                                                                                                                                   |               |               |
| 过载保护                       | Overload Protection       | 105%~135% 类型；恒流输出 +V0 降至欠压点 切断输出复位；重新上电<br>105%~135% type; Constant current output+V0 drops to undervoltage point to cut off output<br>reset; Power on again |               |               |
| 过电压保护                      | Overvoltage Protection    | RTH3；风机常转，≥ 90℃关闭输出<br>RTH3； Fan runs normally, ≥ 90℃, output is closed                                                                                      |               |               |
| 启动 & 上升时间                  | Start, Rise and Hold Time | 2000ms 50ms/230VAC                                                                                                                                           |               |               |
| 耐压                         | Withstand Voltage         | 输入 - 输出：1.5KVAC，输入对外壳：1.5KVAC，输出 - 外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1minute                                                   |               |               |
| 绝缘阻抗                       | Isolation Resistance      | 输入对输出，输入对外壳，输出对外壳：100 Ohms/500VDC/25℃ /70%RH<br>I/P-O/P, I/P-FG, O/P-FG: 100 Ohms/500VDC/25℃ /70%RH                                                          |               |               |
| 工作温度、湿度                    | Working Temp, Humidity    | -10℃ ~+50℃；20%~90%RH                                                                                                                                         |               |               |
| 安全标准                       | Safety Standard           | 符合 GB4943 Compliance to GB4943                                                                                                                               |               |               |
| EMC 标准                     | EMC Standard              | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                          |               |               |
| 重量                         | Weight                    | 4.5Kg                                                                                                                                                        |               |               |

NDR 导轨系列 -75  
NDR GUIDE RAIL SERIES -75



● 概述 Application

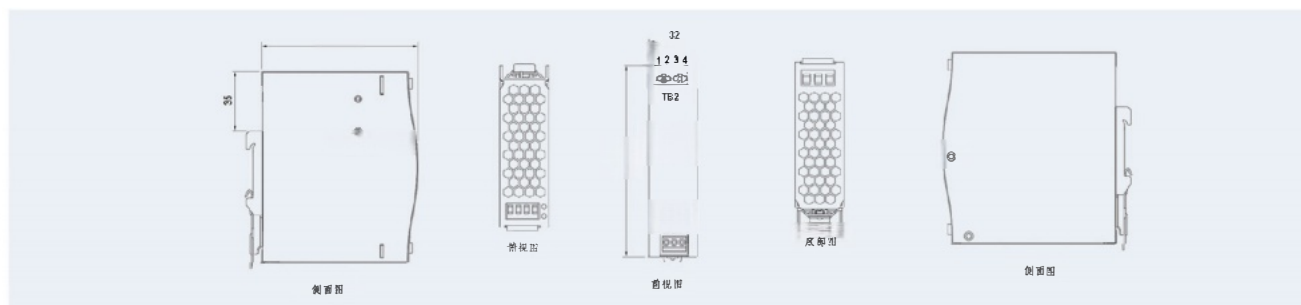
低价格、高可靠；105℃输出电容器；全球适用 AC 输入电源  
效率高、工作温度低；软启动电流、有效降低 AC 输入冲击  
有短路保护、过载保护；体积小、重量轻  
100% 满负荷烧机测试；内装 EMI 滤波器、纹波极小

Low price and high reliability；105℃ Output capacitor  
AC input power suitable for the world  
High efficiency and low operation temperature  
Soft-start current can reduce the AC Input Impact effecticly  
With short-circuit and overload protection；Compact size, light weight  
100%full-load burn-in test；Installed with EMI filter, The ripple is very small

● 技术参数 Technical Parameters

| 技术性能 Technical performance |                          | 技术指标 Technical Index                                                                                                                                        |           |           |
|----------------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|
| 型号                         | Model                    | NDR-75-75                                                                                                                                                   | NDR-75-24 | NDR-75-48 |
| 直流输出电压、额定电流                | DC Voltage、Rated Current | 12V、6.3A                                                                                                                                                    | 24V、3.2A  | 48V、1.6A  |
| 纹波 & 噪音（最大）                | Ripple & Noise(Max)      | 80mVp-p                                                                                                                                                     | 120mVp-p  | 150mVp-p  |
| 线性调整率                      | Line Regulation          | ± 3%                                                                                                                                                        | ± 1%      | +1%       |
| 负载调整率                      | Load Regulation          | ± 1%                                                                                                                                                        | ± 1%      | +1%       |
| 效率                         | Efficiency               | 87%                                                                                                                                                         | 88%       | 93%       |
| 电压调整范围                     | Voltege Adj.range        | ± 10%                                                                                                                                                       | ± 10%     | ± 10%     |
| 输入电压范围                     | Input Voltage Range      | 85-264VAC 120-370VDC                                                                                                                                        |           |           |
| 冲击电流                       | Inrush Current           | 42A/230VAC 冷启动电流 Cold-Start Current                                                                                                                         |           |           |
| 过载保护                       | Overload Protection      | 额定功率的 110%-150%，保护模式：打嗝保护，异常条件移除后自动恢复<br>110%-150% rated output power, Protection type:Hiccup mode, recovers automatically after fault condition is removed |           |           |
| 过电压保护                      | Overvoltage Protection   | 115%~145%<br>保护模式：关断输出电压，异常条件移除后自动恢复<br>Protection type:Shut down o/p voltage, re-power on to recover                                                       |           |           |
| 启动 & 上升时间                  | Start, Rise Time         | 1000ms 30ms/230VAC 2000ms 30ms/115VAC                                                                                                                       |           |           |
| 耐压                         | Withstand Voltage        | 输入对输出：1.5KVAC，输入对外壳：1.5KVAC，输出对外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1minute                                                      |           |           |
| 绝缘阻抗                       | Isolation Resistance     | 输入对输出，输入对外壳，输出对外壳：100M Ohms/500VDC/25℃ /70% RH<br>I/P-O/P, I/P-FG, O/P-FG: 100M Ohms/500VDC/25℃ /70%RH                                                      |           |           |
| 工作温度、湿度                    | Working Temp, Humidity   | -10℃ ~+60℃，20%~90%RH                                                                                                                                        |           |           |
| 安全标准                       | Safety Standard          | 符合 GB4943 Compliance to GB4943                                                                                                                              |           |           |
| EMC 标准                     | EMC Standard             | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                         |           |           |
| 重量                         | Neight                   | 0.4Kg                                                                                                                                                       |           |           |

● 外形尺寸 Overall Dimension(mm)



NDR 导轨系列 -120
NDR GUIDE RAIL SERIES -120



概述 Application

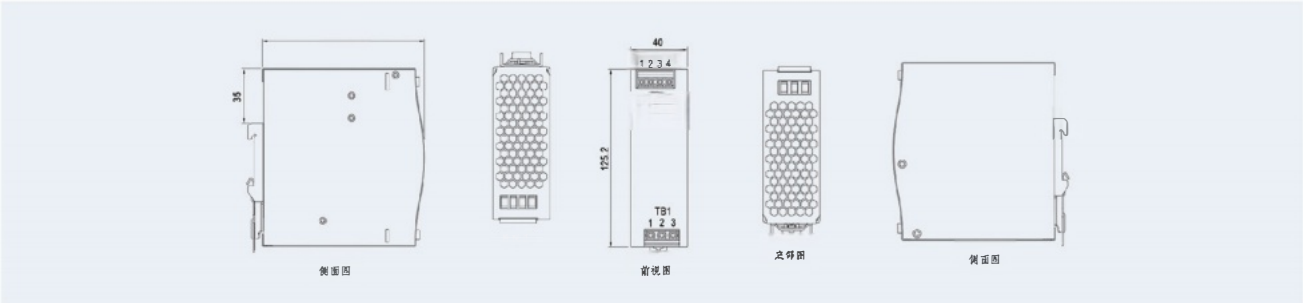
低价格、高可靠；105℃输出电容器；全球适用 AC 输入电源
效率高、工作温度低；软启动电流、有效降低 AC 输入冲击
有短路保护、过载保护；体积小、重量轻
100% 满负荷烧机测试；内装 EMI 滤波器、纹波极小

Low price and high reliability; 105℃ Output capacitor
AC input power suitable for the world
High efficiency and low operation temperature
Soft-start current can reduce the AC input impact effectly
With short-circuit and overload protection; Compact size, light weight
100%full-load burn-in test; Installed with EMI filter, The ripple is very small

技术参数 Technical Parameters

| 技术性能 Technical performance |                          | 技术指标 Technical Index                                                                                                                                        |            |            |
|----------------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|
| 型号                         | Model                    | NDR-120-12                                                                                                                                                  | NDR-120-24 | NDR-120-48 |
| 直流输出电压、额定电流                | DC Voltage、Rated Current | 12V、10A                                                                                                                                                     | 24V、5A     | 48V、2.5A   |
| 纹波 & 噪音（最大）                | Ripple & Noise(Max)      | 100mVp-p                                                                                                                                                    | 120mVp-p   | 150mVp-p   |
| 线性调整率                      | Line Regulation          | ± 3%                                                                                                                                                        | ± 2%       | +1%        |
| 负载调整率                      | Load Regulation          | ± 1%                                                                                                                                                        | ± 1%       | +1%        |
| 效率                         | Efficiency               | 85%                                                                                                                                                         | 88%        | 93%        |
| 电压调整范围                     | Voltege Adj.range        | ± 10%                                                                                                                                                       | ± 10%      | ± 10%      |
| 输入电压范围                     | Input Voltage Range      | 85-264VAC 120-370VDC                                                                                                                                        |            |            |
| 冲击电流                       | Inrush Current           | 42A/230VAC 冷启动电流 Cold-Start Current                                                                                                                         |            |            |
| 过载保护                       | Overload Protection      | 额定功率的 110%-150%，保护模式：打嗝保护，异常条件移除后自动恢复<br>110%-150% rated output power, Protection type:Hiccup mode, recovers automatically after fault condition is removed |            |            |
| 过电压保护                      | Overvoltage Protection   | 115%~145%<br>保护模式：关断输出电压，异常条件移除后自动恢复<br>Protection type:Shut down o/p voltage, re-power on to recover                                                       |            |            |
| 启动 & 上升时间                  | Start, Rise Time         | 1000ms 30ms/230VAC 2000ms 30ms/115VAC                                                                                                                       |            |            |
| 耐压                         | Withstand Voltage        | 输入对输出：1.5KVAC，输入对外壳：1.5KVAC，输出对外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1minute                                                      |            |            |
| 绝缘阻抗                       | Isolation Resistance     | 输入对输出，输入对外壳，输出对外壳：100M Ohms/500VDC/25℃ /70% RH<br>I/P-O/P, I/P-FG, O/P-FG: 100M Ohms/500VDC/25℃ /70%RH                                                      |            |            |
| 工作温度、湿度                    | Working Temp, Humidity   | -10℃ ~+60℃, 20%~90%RH                                                                                                                                       |            |            |
| 安全标准                       | Safety Standard          | 符合 GB4943 Compliance to GB4943                                                                                                                              |            |            |
| EMC 标准                     | EMC Standard             | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                         |            |            |
| 重量                         | Weight                   | 0.48Kg                                                                                                                                                      |            |            |

外形尺寸 Overall Dimension(mm)



NDR 导轨系列 -240

NDR GUIDE RAIL SERIES -240



● 概述 Application

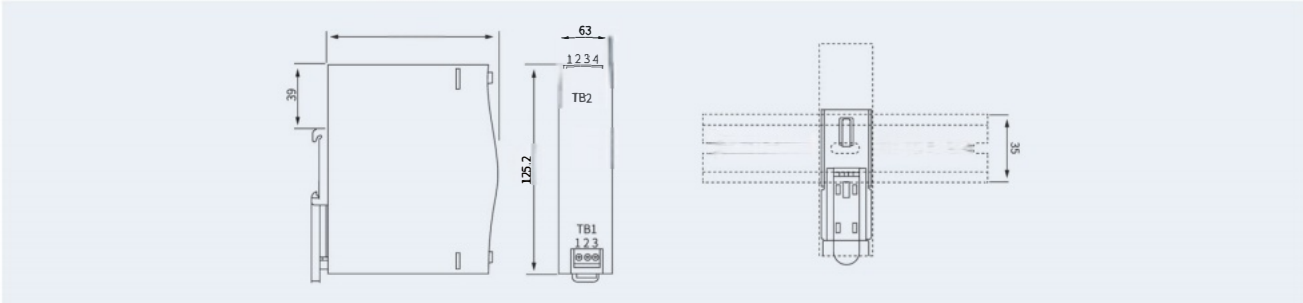
低价格、高可靠；105℃输出电容器；全球适用 AC 输入电源  
效率高、工作温度低；软启动电流、有效降低 AC 输入冲击  
有短路保护、过载保护；体积小、重量轻  
100% 满负荷烧机测试；内装 EMI 滤波器、纹波极小

Low price and high reliability；105℃ Output capacitor  
AC Input power suitable for the world  
High efficiency and low operation temperature  
Soft-start current can reduce the AC Input impact effecticly  
With short-circuit and overload protection；Compact size, light weight  
100%full-load burn-In test；Installed with EMI filter, The ripple is very small

● 技术参数 Technical Parameters

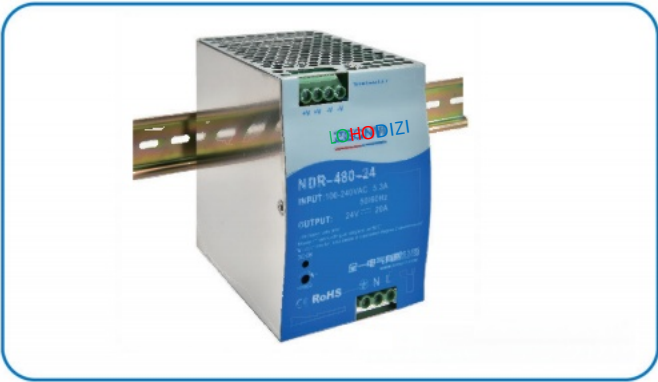
| 技术性能 Technical performance |                          | 技术指标 Technical Index                                                                                                                                       |            |
|----------------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 型号                         | Model                    | NDR-240-24                                                                                                                                                 | NDR-240-48 |
| 直流输出电压、额定电流                | DC Voltage、Rated Current | 24V、10A                                                                                                                                                    | 48V、5A     |
| 纹波 & 噪音（最大）                | Ripple & Noise(Max)      | 150mVp-p                                                                                                                                                   | 150mVp-p   |
| 线性调整率                      | Line Regulation          | ±2%                                                                                                                                                        | ±0.5%      |
| 负载调整率                      | Load Regulation          | ±1%                                                                                                                                                        | ±1.0%      |
| 效率                         | Efficiency               | 88%                                                                                                                                                        | 90%        |
| 电压调整范围                     | Voltege Adj.range        | ±10%                                                                                                                                                       | ±10%       |
| 输入电压范围                     | Input Voltage Range      | 85-264VAC 120-370VDC                                                                                                                                       |            |
| 冲击电流                       | Inrush Current           | 42A/230VAC 冷启动电流 Cold-Start Current                                                                                                                        |            |
| 过载保护                       | Overload Protection      | 额定功率的 110%-150%，保护模式：打嗝保护，异常条件移除后自动恢复<br>110%-150% rated output power，Protection type:Hiccup mode, recovers automatically after fault condition is removed |            |
| 过电压保护                      | Overvoltage Protection   | 115%~145%<br>保护模式：关断输出电压，异常条件移除后自动恢复<br>Protection type:Shut down o/p voltage, re-power on to recover                                                      |            |
| 启动 & 上升时间                  | Start, Rise Time         | 1000ms 30ms/230VAC 2000ms 30ms/115VAC                                                                                                                      |            |
| 耐压                         | Withstand Voltage        | 输入对输出：1.5KVAC，输入对外壳：1.5KVAC，输出对外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1minute                                                     |            |
| 绝缘阻抗                       | Isolation Resistance     | 输入对输出，输入对外壳，输出对外壳：100M Ohms/500VDC/25℃ /70% RH<br>I/P-O/P, I/P-FG, O/P-FG: 100M Ohms/500VDC/25℃ /70%RH                                                     |            |
| 工作温度、湿度                    | Working Temp, Humidity   | -10℃ ~+60℃，20%~90%RH                                                                                                                                       |            |
| 安全标准                       | Safety Standard          | 符合 GB4943 Compliance to GB4943                                                                                                                             |            |
| EMC 标准                     | EMC Standard             | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                        |            |
| 重量                         | Weight                   | 0.76Kg                                                                                                                                                     |            |

● 外形尺寸 Overall Dimension(mm)





NDR 导轨系列-480  
EDR GUIDE RAIL SERIES -480



● 概述 Application

- 电压输入范围：100-240VAC
- 保护种类：短路/过电流/过电压/过温度
- 自然风冷
- 工作效率高达93%
- 100%满负荷烧机测试
- Voltage input range: 100-240VAC
- Protection type: short circuit/overcurrent/overvoltage/overtemperature
- Natural air cooling
- Work efficiency up to 93%
- Burn In test at 100% full load

● 技术参数 Technical Parameters

| 技术性能 Technical performance |                          | 技术指标 Technical Index                                |            |
|----------------------------|--------------------------|-----------------------------------------------------|------------|
| 型号                         | Model                    | NDR-480-24                                          | NDR-480-48 |
| 直流输出电压、额定电流                | DC Voltage、Rated Current | 24V、20A                                             | 48V、10A    |
| 纹波 & 噪音（最大）                | Ripple & Noise(Max)      | 200mVp-p                                            | 250mVp-p   |
| 线性调整率                      | Line Regulation          | +1%                                                 | +1%        |
| 负载调整率                      | Load Regulation          | +1%                                                 | +1%        |
| 效率                         | Efficiency               | 91%                                                 | 93%        |
| 电压调整范围                     | Voltage Adj.range        | 24-28V                                              | ± 10%      |
| 输入电压范围                     | Input Voltage Range      | 100-240VAC 127-640VDC                               |            |
| 冲击电流                       | Inrush Current           | 40A/230VAC                                          |            |
| 过载保护                       | Overload Protection      | 额定功率的110%-130%<br>保护模式：打嗝保护，异常条件移除后自动恢复             |            |
| 过电压保护                      | Overvoltage Protection   | 29-33V                                              | 56-65V     |
|                            |                          | 保护模式：关断输出电压，异常条件移除后自动恢复                             |            |
| 启动 & 上升时间                  | Start, Rise Time         | 1000mS, 30mS/230VAC（满载） 2000mS, 30mS/230VAC（满载）     |            |
| 耐压                         | Withstand Voltage        | 输入对输出：800VAC；输入对地800VAC；输出对地500VAC                  |            |
| 绝缘阻抗                       | Isolation Resistance     | 输入对输出：100Mhms/500VDC/25℃/70%RH                      |            |
| 工作温度、湿度                    | Working Temp, Humidity   | -30℃~70℃（参考减额曲线） 20~90%RH无凝露                        |            |
| 安全标准                       | Safety Standard          | 符合 GB4943 Compliance to GB4943                      |            |
| EMC 标准                     | EMC Standard             | 符合 EN55032 标准 class A Compliance to EN55032 class A |            |
| 重量                         | Weight                   | 1.3Kg                                               |            |

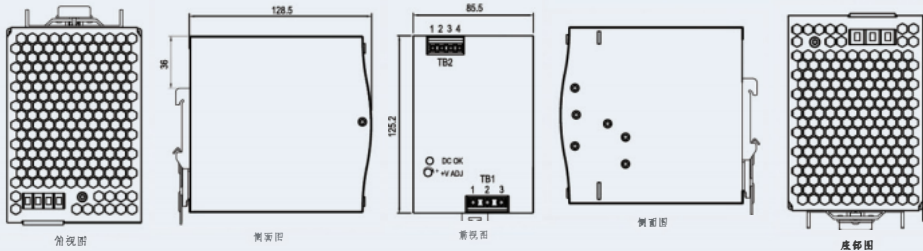
● 外形尺寸 Overall Dimension(mm)

TB1端子脚位定义:

| 引脚编号 | 引脚功能         |
|------|--------------|
| 1    | FG (地)       |
| 2    | AC/N or DC - |
| 3    | AC/L or DC + |

TB2端子脚位定义:

| 引脚编号 | 引脚功能         |
|------|--------------|
| 1,2  | DC OUTPUT -V |
| 3,4  | DC OUTPUT+V  |



EDR 导轨系列-75  
EDR GUIDE RAIL SERIES -75



● 概述 Application

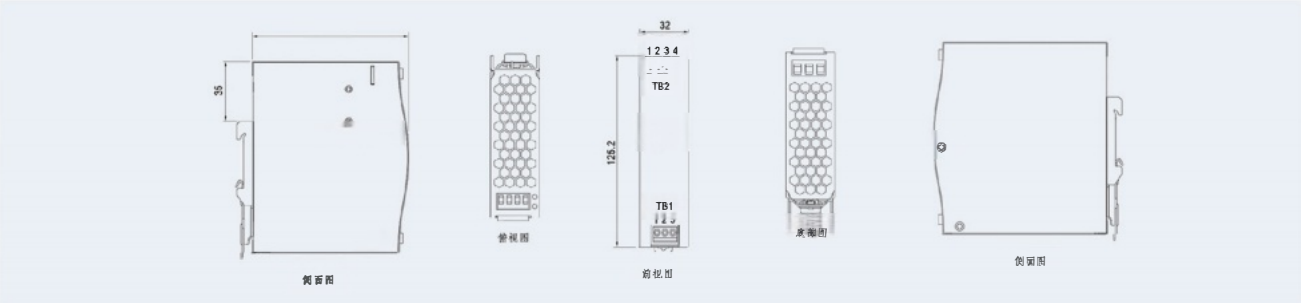
低价格、高可靠；105℃输出电容器；全球适用 AC 输入电源  
效率高、工作温度低；软启动电流、有效降低 AC 输入冲击  
有短路保护、过载保护；体积小、重量轻  
100% 满负荷烧机测试；内装 EMI 滤波器、纹波极小

Low price and high reliability；105℃ Output capacitor  
AC input power suitable for the world  
High efficiency and low operation temperature  
Soft-start current can reduce the AC Input Impact effecticly  
With short-circuit and overload protection；Compact size, light weight  
100%full-load burn-in test；Installed with EMI filter, The ripple is very small

● 技术参数 Technical Parameters

| 技术性能 Technlcal performance |                          | 技术指标 Technical Index                                                                                                                                         |           |           |
|----------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|
| 型号                         | Model                    | EDR-75-12                                                                                                                                                    | EDR-75-24 | EDR-75-48 |
| 直流输出电压、额定电流                | DC Voltage、Rated Current | 12V、6.3A                                                                                                                                                     | 24V、3.2A  | 48V、1.6A  |
| 纹波 & 噪音（最大）                | Ripple & Noise(Max)      | 80mVp-p                                                                                                                                                      | 120mVp-p  | 150mVp-p  |
| 线性调整率                      | Line Regulation          | ± 3%                                                                                                                                                         | ± 1%      | +1%       |
| 负载调整率                      | Load Regulation          | ± 1%                                                                                                                                                         | ± 1%      | +1%       |
| 效率                         | Efficiency               | 87%                                                                                                                                                          | 88%       | 93%       |
| 电压调整范围                     | Voltege Adj.range        | ± 10%                                                                                                                                                        | ± 10%     | ± 10%     |
| 输入电压范围                     | Input Voltage Range      | 85-264VAC 120-370VDC                                                                                                                                         |           |           |
| 冲击电流                       | Inrush Current           | 42A/230VAC 冷启动电流 Cold-Start Current                                                                                                                          |           |           |
| 过载保护                       | Overload Protection      | 额定功率的 110%-150%，保护模式：打嗝保护，异常条件移除后自动恢复<br>110%-150% rated output power , Protection type:Hiccup mode, recovers automatically after fault condition is removed |           |           |
| 过电压保护                      | Overvoltage Protection   | 115%~145%<br>保护模式：关断输出电压，异常条件移除后自动恢复<br>Protection type:Shut down o/p voltage, re-power on to recover                                                        |           |           |
| 启动 & 上升时间                  | Start, Rise Time         | 1000ms 30ms/230VAC 2000ms 30ms/115VAC                                                                                                                        |           |           |
| 耐压                         | Withstand Voltage        | 输入对输出：1.5KVAC，输入对外壳：1.5KVAC，输出对外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1minute                                                       |           |           |
| 绝缘阻抗                       | Isolation Resistance     | 输入对输出，输入对外壳，输出对外壳：100M Ohms/500VDC/25℃ /70% RH I/P-O/P, I/P-FG, O/P-FG: 100M Ohms/500VDC/25℃ /70%RH                                                          |           |           |
| 工作温度、湿度                    | Working Temp, Humldity   | -10℃ ~+60℃，20%~90%RH                                                                                                                                         |           |           |
| 安全标准                       | Safety Standard          | 符合 GB4943 Compliance to GB4943                                                                                                                               |           |           |
| EMC 标准                     | EMC Standard             | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                          |           |           |
| 重量                         | Neight                   | 0.4Kg                                                                                                                                                        |           |           |

● 外形尺寸 Overall Dimension(mm)



EDR 导轨系列-120  
EDR GUIDE RAIL SERIES -120

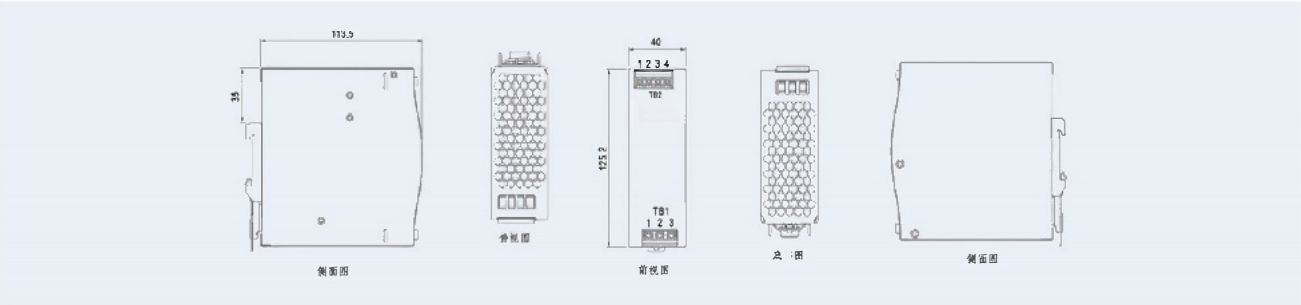


- 概述 Application
- 低价格、高可靠；105℃输出电容器；全球适用 AC 输入电源  
效率高、工作温度低；软启动电流、有效降低 AC 输入冲击  
有短路保护、过载保护；体积小、重量轻  
100% 满负荷烧机测试；内装 EMI 滤波器、纹波极小
- Low price and high reliability；105℃ Output capacitor  
AC Input power suitable for the world  
High efficiency and low operation temperature  
Soft-start current can reduce the AC input impact effectclly  
With short-circuit and overload protection；Compact size, light weight  
100%full-load burn-In test；Installed with EMI filter, The ripple is very small

● 技术参数 Technical Parameters

| 技术性能 Technical performance |                          | 技术指标 Technical Ind                                                                                                                                           |            |            |
|----------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|
| 型号                         | Model                    | EDR-120-12                                                                                                                                                   | EDR-120-24 | EDR-120-43 |
| 直流输出电压、额定电流                | DC Voltage、Rated Current | 12V、10A                                                                                                                                                      | 24V、5A     | 48V、2.5A   |
| 纹波 & 噪音（最大）                | Ripple & Noise(Max)      | 100mVp-p                                                                                                                                                     | 120mVp-p   | 150mVp-p   |
| 线性调整率                      | Line Regulation          | ± 3%                                                                                                                                                         | ± 2%       | +1%        |
| 负载调整率                      | Load Regulation          | ± 1%                                                                                                                                                         | ± 1%       | +1%        |
| 效率                         | Efficiency               | 85%                                                                                                                                                          | 88%        | 93%        |
| 电压调整范围                     | Vollege Adj.range        | ± 10%                                                                                                                                                        | ± 10%      | ± 10%      |
| 输入电压范围                     | Input Voltage Range      | 85-264VAC 120-370VDC                                                                                                                                         |            |            |
| 冲击电流                       | Inrush Current           | 42A/230VAC 冷启动电流 Cold-Start Current                                                                                                                          |            |            |
| 过载保护                       | Overload Protection      | 额定功率的 110%-150%，保护模式：打嗝保护，异常条件移除后自动恢复<br>110%-150% rated output power , Protection type:Hiccup mode, recovers automatically after fault condition is removed |            |            |
| 过电压保护                      | Overvoltage Protection   | 115%-145%<br>保护模式：关断输出电压，异常条件移除后自动恢复<br>Protection type:Shut down o/p voltage, re-power on to recover                                                        |            |            |
| 启动 & 上升时间                  | Start, Rise Time         | 1000ms 30ms/230VAC 2000ms 30ms/115VAC                                                                                                                        |            |            |
| 耐压                         | Withstand Voltage        | 输入对输出：1.5KVAC，输入对外壳：1.5KVAC，输出对外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1minute                                                       |            |            |
| 绝缘阻抗                       | Isolation Resistance     | 输入对输出，输入对外壳，输出对外壳：100M Ohms/500VDC/25℃ /70% RH I/P-O/P, I/P-FG, O/P-FG, 100M Ohms/500VDC/25℃ /70%RH                                                          |            |            |
| 工作温度、湿度                    | Working Temp, humidity   | -10℃ ~+60℃，20%~90%RH                                                                                                                                         |            |            |
| 安全标准                       | Safety Standard          | 符合 GB4943 Compliance to GB4943                                                                                                                               |            |            |
| EMC 标准                     | EMC Standard             | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                          |            |            |
| 重量                         | Weight                   | 0.48Kg                                                                                                                                                       |            |            |

● 外形尺寸 Overall Dimension(mm)



EDR 导轨系列-150  
EDR GUIDE RAIL SERIES -150



● 概述 Application

低价格、高可靠；105℃输出电容器；全球适用 AC 输入电源  
效率高、工作温度低；软启动电流、有效降低 AC 输入冲击  
有短路保护、过载保护；体积小、重量轻  
100% 满负荷烧机测试；内装 EMI 滤波器、纹波极小  
Low price and high reliability；105℃ Output capacitor  
AC Input power suitable for the world  
High efficiency and low operation temperature  
Soft-start current can reduce the AC input impact effecticly  
With short-circuit and overload protection；Compact size, light weight  
100%full-load burn-in test；Installed with EMI filter, The ripple is very small

● 技术参数 Technical Parameters

| 技术性能 Technical performance |                          | 技术指标 Technical Index                                                                                                                                        |            |            |
|----------------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|
| 型号                         | Model                    | EDR-150-12                                                                                                                                                  | EDR-150-24 | EDR-150-48 |
| 直流输出电压、额定电流                | DC Voltage、Rated Current | 12V、12.5A                                                                                                                                                   | 24V、6.25A  | 48V、3.1A   |
| 纹波 & 噪音（最大）                | Ripple & Noise(Max)      | 100mVp-p                                                                                                                                                    | 120mVp-p   | 150mVp-p   |
| 线性调整率                      | Line Regulation          | ± 2%                                                                                                                                                        | ± 2%       | +1%        |
| 负载调整率                      | Load Regulation          | ± 1%                                                                                                                                                        | ± 1%       | +1%        |
| 效率                         | Efficiency               | 88%                                                                                                                                                         | 88%        | 93%        |
| 电压调整范围                     | Voltege Adj.range        | ± 10%                                                                                                                                                       | ± 10%      | ± 10%      |
| 输入电压范围                     | Input Voltage Range      | 85-264VAC 120-370VDC                                                                                                                                        |            |            |
| 冲击电流                       | Inrush Current           | 42A/230VAC 冷启动电流 Cold Start Current                                                                                                                         |            |            |
| 过载保护                       | Overload Protection      | 额定功率的 110%-150%，保护模式：打嗝保护，异常条件移除后自动恢复<br>110%-150% rated output power, Protection type:Hiccup mode, recovers automatically after fault condition is removed |            |            |
| 过电压保护                      | Overvoltage Protection   | 115%~145%<br>保护模式：关断输出电压，异常条件移除后自动恢复<br>Protection type:Shut down o/p voltage, re-power on to recover                                                       |            |            |
| 启动 & 上升时间                  | Start, Rise Time         | 1000ms 30ms/230VAC 2000ms 30ms/115VAC                                                                                                                       |            |            |
| 耐压                         | Withstand Voltage        | 输入对输出：1.5KVAC，输入对外壳：1.5KVAC，输出对外壳：0.5KVAC 一分钟<br>I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1minute                                                      |            |            |
| 绝缘阻抗                       | Isolation Resistance     | 输入对输出，输入对外壳，输出对外壳：100M Ohms/500VDC/25℃ /70% RH<br>RH I/P-O/P, I/P-FG, O/P-FG: 100M Ohms/500VDC/25℃ /70%RH                                                   |            |            |
| 工作温度、湿度                    | Working Temp, Humidity   | -10℃ ~+60℃，20%~90%RH                                                                                                                                        |            |            |
| 安全标准                       | Safety Standard          | 符合 GB4943 Compliance to GB4943                                                                                                                              |            |            |
| EMC 标准                     | EMC Standard             | 符合 EN55032 标准 class A Compliance to EN55032 class A                                                                                                         |            |            |
| 重量                         | Weight                   | 0.51Kg                                                                                                                                                      |            |            |

● 外形尺寸 Overall Dimension(mm)

