

### 概述 Summary

- > 单组输出; 功率500W  
Single output: power 500W
- > 输入电压: 85 ~ 264VAC 120 ~ 370VDC  
Input voltage: 85 ~ 264VAC 120 ~ 370VDC
- > PF>0.96@115VAC; PF>0.93@230VAC



### 常见规格 General Specification

185 × 120 × 93mm

| 性能 Specification                            | 型号 Model | SP-500-12  | SP-500-15   | SP-500-24   | SP-500-48   |
|---|----------|--|-------------|-------------|-------------|
| 直流输出电压、电流<br>DC output voltage, current     |          | 12V 0 ~ 40A  | 15V 0 ~ 32A | 24V 0 ~ 20A | 48V 0 ~ 10A |
| 纹波及噪音<br>Wave and noise                     |          | 240mVp-p   | 240mVp-p    | 240mVp-p    | 300mVp-p    |
| 进线稳定度<br>Inlet wire stability               |          | ± 0.5%   | ± 0.5%      | ± 0.5%      | ± 0.5%      |
| 负载稳定度<br>Load stability                     |          | ± 0.5%   | ± 0.5%      | ± 0.5%      | ± 0.5%      |
| 效率<br>Efficiency                            |          | 84%  | 84%         | 85.5%       | 87%         |
| 直流电压可调范围<br>Adjustable range for DC voltage |          | ± 10%  | ± 10%       | ± 10%       | ± 10%       |
| 输入电压范围<br>Input voltage range               |          | 85 ~ 264VAC 120 ~ 370VDC 47 ~ 63Hz   |             |             |             |
| 冲击电流<br>Impact current                      |          | 冷启动电流<br>Cold start current 18A/115VAC 32A/230VAC  |             |             |             |
| 过载保护<br>Overload protection                 |          | 105% ~ 135%切断输出, 自动恢复<br>105% ~ 135% cut off the output, automatic recovery                        |             |             |             |
| 过电压保护<br>Over voltage protection            |          | 115% ~ 140%关闭输出, 电源重启后可恢复输出<br>115% ~ 140% shut down O/P voltage, re-power on to recover           |             |             |             |
| 启动、上升、保持时间<br>Setup, rise, hold up time     |          | 1500ms, 50ms, 20ms/230VAC 满负载 at full load   |             |             |             |
| 耐压性<br>Withstand voltage                    |          | 输入输出间: 1.5kV 输入与外壳间: 1.5kV 输出与外壳间: 0.5kV 一分钟<br>I/P-O/P: 1.5kV I/P-FG: 1.5kV O/P-FG: 0.5kV 1minute |             |             |             |
| 隔离电阻<br>Isolation resistance                |          | 输入输出间 输入与外壳间 输出与外壳间: 500VDC/100MΩ<br>I/P-O/P I/P-FG O/P-FG: 500VDC/100MΩ                           |             |             |             |
| 工作温度<br>Working temperature                 |          | -10°C ~ +50°C  |             |             |             |
| 尺寸<br>Dimension                             |          | 185 × 120 × 93mm   |             |             |             |
| 重量<br>Weight                                |          | 1.8kg  |             |             |             |
| 包装<br>Packing                               |          | 40 × 26 × 22CM/8PCS/14.5kg   |             |             |             |

### 外形尺寸 Overall dimension(mm)

- ☑ 接线位置
- ☑ 端口 1,2 : 交流输入
  - ☑ 端口 3 : 接地
  - ☑ 端口 4,5 : NC
  - ☑ 端口 6 : R,C,G控制点, 计算机远程控制用
  - ☑ 端口 8 : +S信号端子, 不能接负载
  - ☑ 端口 9,10,11: 直流输出+V
  - ☑ 端口 12,13,14: 直流输出-V
  - ☑ 端口 15 : -S信号端子, 不能接负载
- ☑ Terminal Pin No. Assignment
- ☑ Pin 1,2 : AC input
  - ☑ Pin 3 : GND
  - ☑ Pin 4,5 : NC
  - ☑ Pin 6 : R,C,G
  - ☑ Pin 7 : R,C
  - ☑ Pin 8 : +S
  - ☑ Pin 9,10,11: DC output+V
  - ☑ Pin 12,13,14: DC output-V
  - ☑ Pin 15 : -S

