

# 320W 单路输出开关电源

Single Output Switching Power Supply

## 特征 Features

- 交流输入转换由开关选择
- 具有过压、过流、高温、短路保护功能
- 风冷散热
- 100%满负荷烧机测试
- 低价位、高可靠性
- Convert AC input selected by switch
- Over-voltage, over current, short circuit protection
- Heat from the cold
- 100% full load burn-in test
- Low-cost, high reliability



215\*115\*50 (L\*W\*H)

## ▶ 技术参数 Technical parametric

| 型号 Model                                    | APS02AC-320-5   | APS02AC-320-12 | APS02AC-320-15 | APS02AC-320-24 | APS02AC-320-48 |
|---|---|----------------|----------------|----------------|----------------|
| 直流输出压 DC output voltage                     | 5V  | 12V            | 15V            | 24V            | 48V            |
| 输出电压容差 Output voltage                       | ± 2%  | ± 1%           | ± 1%           | ± 1%           | ± 1%           |
| 额定输出电流 Rated output current                 | 50A   | 26.7A          | 20A            | 13.4A          | 6.7A           |
| 输出电流范围 Output current range                 | 0~50A   | 0~26.7A        | 0~20A          | 0~13.4A        | 0~6.7A         |
| 纹波及噪音 Wave and noise                        | 150mVp-p  | 150mVp-p       | 150mVp-p       | 150mVp-p       | 240mVp-p       |
| 进线稳定度 Inlet stability                       | ± 0.5%  | ± 0.5%         | ± 0.5%         | ± 0.5%         | ± 0.5%         |
| 负载稳定度 Load stability                        | ± 1%  | ± 0.5%         | ± 0.5%         | ± 0.5%         | ± 0.5%         |
| 直流输出功率 DC output power                      | 250W  | 320W           | 300W           | 320W           | 320W           |
| 效率 Efficiency                               | 77%   | 82%            | 84%            | 86%            | 87%            |
| 直流电压可调范围<br>Adjustable range for DC voltage | +10, -5%  | ± 10%          | ± 10%          | ± 10%          | ± 10%          |
| 输入电压范围 AC input voltage range               | 88~132VAC / 176~264VAC 由开关选择 47~63Hz; 254~370VDC  |                |                |                |                |
| 输入电流 Input current                          | 6A/115V 3.5A/230V   |                |                |                |                |
| 冲击电流 AC inrush current                      | 18A/115V 36A/230V   |                |                |                |                |
| 漏电流 Leakage current                         | <3.5mA/240VAC   |                |                |                |                |
| 过载保护 Overload protection                    | 105%~135% 关断电流, 自动恢复 Shut off current, automatically restore  |                |                |                |                |
| 过电压保护 Over voltage protection               | 输出电压的115%~135%  |                |                |                |                |
| 高温保护 High temperature protection            | RTH3 ≥ 65°C 风扇开, RTH3 ≤ 55°C 风扇关, RH3 ≥ 80°C 关闭输出   |                |                |                |                |
| 温度系数 Temperature coefficient                | ± 0.03%/°C (0~50°C)   |                |                |                |                |
| 启动、上升、保持时间<br>Setup, rise, hold up time     | 200ms, 100ms, 20ms  |                |                |                |                |
| 抗震性 Vibration                               | 10~500Hz, 2G 10分钟/周期, X、Y、Z轴各60分钟   |                |                |                |                |
| 耐压性 Withstand voltage                       | 输入输出间: 1.5KVAC 输入与外壳: 1.5KVAC 输出与外壳: 0.5KVAC<br>Input and output internal: 1.5KVAC, input and enclosure: 1.5KVAC, output and enclosure: 0.5KVAC |                |                |                |                |
| 隔离电阻 Isolation resistance                   | 输入输出间, 输入与外壳, 输出与外壳: 500VDC/100MΩ<br>Input and output internal, input and enclosure, output and enclosure: 500VDC/100MΩ                         |                |                |                |                |
| 工作温度、湿度<br>Working temperature and humidity | -10°C~+60°C, 20%~90%RH  |                |                |                |                |
| 存储温度、湿度<br>Store temperature and humidity   | -20°C~+85°C, 10%~95%RH  |                |                |                |                |
| 重量 Weight                                   | 1.15Kg  |                |                |                |                |

## ▶ 安装尺寸图 Installation dimensions (mm)

