

150W 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、短路保护功能
- 自冷散热
- 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



199*110*50 (L*W*H)

▶ 技术参数 Technical parametric

| 型号 Model | APS02AC-150-5 | APS02AC-150-12 | APS02AC-150-15 | APS02AC-150-24 | APS02AC-150-48 |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|----------------|----------------|
| 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 | 30A | 12.5A | 10A | 6.5A | 3.2A |
| 输出电流范围 Output current range | 0~30A | 0~12.5A | 0~10A | 0~6.5A | 0~3.2A |
| 纹波及噪音 Wave and noise | 150mVp-p | 180mVp-p | 180mVp-p | 240mVp-p | 240mVp-p |
| 进线稳定度 Inlet stability | ± 0.5% | ± 0.3% | ± 0.3% | ± 0.2% | ± 0.2% |
| 负载稳定度 Load stability | ± 0.5% | ± 0.3% | ± 0.3% | ± 0.2% | ± 0.2% |
| 直流输出功率 DC output power | 150W | 150W | 150W | 156W | 153.6W |
| 效率 Efficiency | 78% | 82% | 84% | 85% | 87% |
| 直流电压可调范围 Adjustable range for DC voltage | +10,-5% | ± 10% | ± 10% | ± 10% | ± 10% |
| 输入电压范围 AC input voltage range | 85~132VAC/170~264VAC 由开关选择; 47~63Hz 248~370VDC | | | | |
| 输入电流 Input current | 3.2A/115VAC 1.6A/230VAC | | | | |
| 冲击电流 AC inrush current | 冷启动电流 35A/230V | | | | |
| 漏电流 Leakage current | <3.5mA/240VAC | | | | |
| 过载保护 Overload protection | 105%~150% 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 | | | | | |
| 温度系数 Temperature coefficient | ± 0.03%/°C (0~50°C) | | | | |
| 启动、上升、保持时间 Setup, rise, hold up time | 100ms, 50ms, 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 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 Input and output internal, input and enclosure, output and enclosure: 500VDC/100MΩ | | | | |
| 工作温度、湿度 Working temperature and humidity | -10°C~+60°C, 20%~90%RH | | | | |
| 存储温度、湿度 Store temperature and humidity | -20°C~+85°C, 10%~95%RH | | | | |
| 重量 Weight | 0.8Kg | | | | |

▶ 安装尺寸图 Installation dimensions (mm)

