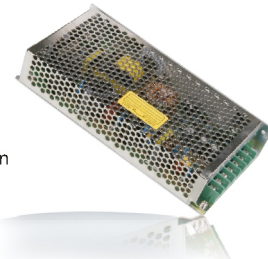


145W 单路输出开关电源

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*98*38 (L*W*H)

▶ 技术参数 Technical parametric

型号 Model	APS02AC-145-5	APS02AC-145-7.5	APS02AC-145-12	APS02AC-145-15	APS02AC-145-24
直流输出压 DC output voltage	5V	7.5V	12V	15V	24V
输出电压容差 Output voltage	±2%	±1%	±1%	±1%	±1%
额定输出电流 Rated output current	25A	18A	12A	9.6A	6A
输出电流范围 Output current range	0~25A	0~18A	0~12A	0~9.6A	0~6A
纹波及噪音 Wave and noise	100mVp-p	100mVp-p	100mVp-p	100mVp-p	100mVp-p
进线稳定度 Inlet stability	±0.5%	±0.5%	±0.3%	±0.3%	±0.2%
负载稳定度 Load stability	±0.5%	±0.5%	±0.3%	±0.3%	±0.2%
直流输出功率 DC output power	125A	138A	144A	144A	144A
效率 Efficiency	78%	80.5%	80.5%	81%	83.5%
直流电压可调范围 Adjustable range for DC voltage	-10, +5%	±5%	±5%	±5%	±5%
输入电压范围 AC input voltage range	88~132VAC / 176~264VAC 由开关选择 47~63Hz				
输入电流 Input current	3.2A/115VAC 1.6A/230VAC				
冲击电流 AC inrush current	冷启动电流 Cold start current 30A/115V 60A/230V				
漏电流 Leakage current	<1mA/240VAC				
过载保护 Overload protection	125%~165% 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	0.71Kg				

▶ 安装尺寸图 Installation dimensions (mm)

