

500W 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、高温保护功能
- 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



241*124*65 (L*W*H)

▶ 技术参数 Technical parametric

型号 Model	APS02AC-500-12	APS02AC-500-15	APS02AC-500-24	APS02AC-500-48
直流输出压 DC output voltage	12V	15V	24V	48V
输出电压容差 Output voltage	±1%	±1%	±1%	±1%
额定输出电流 Rated output current	40A	33A	20A	10A
输出电流范围 Output current range	0~40A	0~33A	0~20A	0~10A
纹波及噪音 Wave and noise	150mVp-p	150mVp-p	150mVp-p	240mVp-p
进线稳定度 Inlet stability	±0.5%	±0.5%	±0.5%	±0.5%
负载稳定度 Load stability	±0.5%	±0.5%	±0.5%	±0.5%
直流输出功率 DC output power	480W	495W	480W	480W
效率 Efficiency	83%	83%	85%	86%
直流电压可调范围 Adjustable range for DC voltage	+10,-5%	+10,-5%	±10%	±10%
输入电压范围 AC input voltage range	85/132VAC/170~264VAC由开关选择 47~63Hz			
输入电流 Input current	7A/115V 3.5A/230V			
冲击电流 AC inrush current	冷启动电流 Cold start current 40A/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	≥70℃ 切断输出			
温度系数 Temperature coefficient	±0.04%/℃ (0~50℃)			
启动、上升、保持时间 Setup, rise, hold up time	1.5s, 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℃~+60℃, 20%~90%RH			
存储温度、湿度 Store temperature and humidity	-20℃~+85℃, 10%~95%RH			
重量 Weight	1.2Kg			

▶ 安装尺寸图 Installation dimensions (mm)

