

250W 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
- 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-250-12	APS02AC-250-15	APS02AC-250-24	APS02AC-250-27	APS02AC-250-48
直流输出压 DC output voltage	12V	15V	24V	27V	48V
输出电压容差 Output voltage	±2%	±1%	±1%	±1%	±1%
额定输出电流 Rated output current	20A	17A	10A	9A	5A
输出电流范围 Output current range	0~20A	0~17A	0~10A	0~9A	0~5A
纹波及噪音 Wave and noise	150mVp-p	150mVp-p	150mVp-p	150mVp-p	150mVp-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	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
直流输出功率 DC output power	240W	255W	240W	243W	240W
效率 Efficiency	82%	84%	86%	86%	87%
直流电压可调范围 Adjustable range for DC voltage	+10, -5%V	±10%	±10%	±10%	±10%
输入电压范围 AC input voltage range	90~132VAC/180~264VAC 由开关选择 47~63Hz ; 254~370VDC				
输入电流 Input current	6A/115VAC 3.5A/230VAC				
冲击电流 AC inrush current	冷启动电流 Cold start current 20A/115V 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	RTH3≥65℃ 风扇开, RTH3≤55℃ 风扇关, RH3≥80℃ 关闭输出				
温度系数 Temperature coefficient	±0.03%/℃ (0~50℃)				
启动、上升、保持时间 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 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	1.15Kg				

► 安装尺寸图 Installation dimensions (mm)

