



RSP-500W单组输出电源

RSP-500W Single output power supply

概述 Summary

- > 单组输出：功率500W
Single output: power 500W
- > 输入电压：90~264VAC, 135~370VDC
Input voltage: 90~264VAC, 135~370VDC



常见规格 General Specification

215×115×30mm

性能 Specification	型号 Model	RSP-500-12	RSP-500-24	RSP-500-36	RSP-500-48
直流输出电压、电流 DC output voltage, current		12V 0~35A	24V 0~21A	36V 0~14A	48V 0~10.5A
纹波及噪音 Wave and noise		200mVp-p	200mVp-p	280mVp-p	300mVp-p
线性调整率 Line regulation rate		±0.5%	±0.5%	±0.5%	±0.5%
负载调整率 Load regulation rate		±1%	±0.5%	±0.5%	±0.5%
效率 Efficiency		91%	92.5%	93%	94%
直流电压可调范围 Adjustable range for DC voltage		±10%	±10%	±10%	±10%
输入电压范围 Input voltage range		90~264VAC, 135~370VDC。(可承受300VAC浪涌输入5秒不损坏) 47~63Hz 90~264VAC, 135~370VDC (Can withstand 300VAC surge input for 5 seconds without damage) 47~63Hz			
交流输入电流 AC input current		5.0A/115V 3.0A/230VAC			
功率因数 Power factor		PF≥0.99/115VAC, PF≥0.95/230VAC (满载时) (When fully loaded)			
冲击电流 Impact current		冷启动电流 40A/230VAC Cold start current			
过载保护 Overload protection		额定输出功率的100%~125%启动过载保护, 保护方式: 限流模式, 异常条件移除后可自动恢复正常输出 Overload protection is activated at 100%~125% of the rated output power. Protection method: Current limiting mode, automatically restores normal output after abnormal conditions are removed			
过压保护 Overvoltage protection		额定输出电压的115%~135%启动过压保护, 保护方式: 限压模式, 异常条件移除后可自动恢复正常输出 Starting overvoltage protection at 115%~135% of rated output voltage Protection method: Voltage limiting mode, which can automatically restore normal output after removing abnormal conditions			
过温保护 Over temperature protection		85°C ± 10°C (JK1晶体管取样) 保护方式: 打隔模式, 温度恢复正常后可自动恢复 85°C ± 10°C Protection method: Isolation mode, can automatically recover after the temperature returns to normal			
启动、上升、保持时间 Setup, rise, hold up time		800ms, 50ms, 16ms/230VAC (满载时) (When fully loaded)			
耐压性 Withstand voltage		输入输出间(I/P~O/P): 1.5KVAC 输入与地(I/P~FG): 1.5KVAC 输出与地(O/P~FG): 0.5KVAC Input/output space (I/P~O/P): 1.5KVAC input to ground (I/P~FG): 1.5KVAC output to ground (O/P~FG): 0.5KVAC			
绝缘电阻 Insulation resistance		输入输出间(I/P~O/P), 输入与地(I/P~FG), 输出与地(O/P~FG): 100M Ohms/500VDC/25°C/70%RH Input/output (I/P~O/P), input to ground (I/P~FG), output to ground (O/P~FG): 100M Ohms/500VDC/25°C/70%RH			
工作温度/湿度 Working temperature/humidity		-20°C ~ +60°C 20%~90% RH, 无冷凝 No condensation			
尺寸 Dimension		215 × 115 × 30mm (L*W*H)			
包装 Packing		0.85kg/20pcs/18.5kg/0.003m³			

外形尺寸 Overall dimension(mm)

端子Pin脚分配

Pin脚编号	分配	Pin脚编号	分配
1	AC/L	4~6	DC OUTPUT-V
2	AC/N	7~9	DC OUTPUT+V
3	FG		

