

S-2500/3000W 系列开关电源
S-2500/3000W series switch power supply

Application 概述

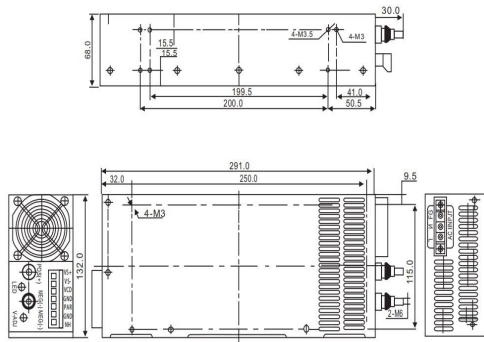
- 低价格、高可靠
- 105℃输出电容器
- 全球适用AC输入电源
- 效率高、工作温度低
- 软启动电流、有效降低AC输入冲击
- 有短路保护、过载保护
- 体积小、重量轻
- 100%满负荷烧机测试
- 内装EMI滤波器、纹波极小

- Low price and high reliability
- 105℃ Output capacitor
- AC input power suitable for the world
- High efficiency and low operation temperature
- Softstart current can reduce the AC input impact effectictly
- With short-circuit and overload protection
- Compact size, light weight
- 100%full-load burn-in test
- Installed with EMI filter, minimum wave



325×185×68mm

性能 Specification	型号 Model	S-2500-12	S-2500-24	S-2500-36	S-2500-(0-48)	S-3000-24	S-3000-48
直流输出电压 DC outDul Votage		12V	24V	36V	1-48V	24V	48V
输出电压容差 Output Votage tolerance(Note:2)		±1%	±1%	±1%	±1%	±1%	±1%
额定输出电流 Rated output current		208A	104A	69A	52A恒流	125A	62.5A
输出电流范围 Oudput current range		0~208A	0-104A	0-69A	0-52A	0-125A	0-62.5A
纹波及噪音(注3) Wave and noise(Note:3)		150mVp-g	150mVp-p	200mVp-p	200mVp-p	240mVp-p	480mVp-p
进线稳定度(注4) Inlet stability(Note:4)		±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
负载稳定度(注5) Load stability(Note:5)		±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
直流输出功率 DC output power		2500W	2500W	2500W	2500W	2000W	48V-2000W
效率 Efficiency		84%	84%	85%	85.5%	86.5%	87%
直流电压可调范围 Adjustable range of DC voltage		±10%	±10%	±10%	±10%	±10%	0~48V
输入电压范围 AC input voltage range		190-240VAC/47-63Hz					
输入电流 Input current		7A/230V					
冲击电流 Impulse current		50A/230V					
漏电流 Leakage current		<3.5mA/240VAC					
过载保护 Over load protection		105%-150%类型：切断输出 复位：自动恢复 105%-150%Type: cut-off output Reset: automatic recovery					
过电压保护 Over-voltage protection		110%-135%VO					
高温保护 High-temperature protection		≥270℃ 切断输出(0-50V) ≥270℃ cut output(0-50V)					
温度系数 Temperature coefficient		±0.03%/C(0-50℃)					
启动、上升、保持时间 set up,rise,hold up time		1.5s.50ms.20ms					
抗震性 Shock resistance		10-500H 2G 10min/1周期，时长60分，各轴 10-500Hz.2G 10min/1cycle.Period for 60min,Each axes					
耐压性 Pressure resistance		输入输出间：1.5KvAC 输入与外壳：1.5KvAC 输出与外壳：0.5KvAC Input&output inte rnal:1.5KvAC Input enclosure:1.5KvAC Output enclosure:0.5KvAC					

隔离电阻 Isolating resistance	输入输出间: 输入与外壳, 输出与外壳:500VDC/ 100MΩ Input and output inte mal:Input enclosure,Output enclosure:500VDC/ 100MΩ	
工作温度, 湿度 Working temperature and humidity	-10℃~+60℃(参考输出特性图), 20%~90%RH -10℃~+60℃(Refer to output derating curve),20%~90%RH	
存储温度、湿度 Store tempe rature and humidity	-20℃~+85℃, 10%~95%RH	
重量 Weight	2.8kgs	
安全标准 Safety standards	满足UL1950要求(不申请标记) Meet UL1950 requirement(Not apply for the mark)	
注: 1.以上参数测试条件为: 230VAC输入、额定负载、25℃70%Rh、湿度。 2.容差:包括设定容差, 线路稳定、负载稳定度(注5)。 3.纹波测试:20MHz用"A12"双绞线, 中断用0.1uF&47uF电容器短路。 4.进线电压稳定度测试:满负载时进线最低电压到最高电压。 5.负载稳定度测试:负载从0%到100% Note:1.The testina condition for the Paramenter adove is: 230VAC input, rated load 25℃70%RH.Temperature. 2.Error.include the setting error、ling stability and load stability(Note:5) 3.Wave test:adoptin"A12" double wire for 20MHz, and 0. 1UF& 47UF capacitor short-ciroult for interruptubg. 4.Inlet voltage stability test: when is over load, the lowest voltage of Inlet is up to the highest voltage. 5.Load stabilityt test: the load is from 0%to100%		