



SE-1000W单组输出电源 SE-1000W Single output power supply

概述 Summary

- > 单组输出：功率1000W
Single output: power 1000W
- > 输入电压:180~264VAC/245~370VAC 由开关切换
Input voltage: 180~264VAC/245~370VDC



常见规格 General Specification

277 × 155 × 70mm

性能 Specification 型号 Model	SE-1000-12	SE-1000-24	SE-1000-36	SE-1000-48	SE-1000-72	SE-1000-96	SE-1000-110	SE-1000-150	SE-1000-220
直流输出电压 Dc output voltage	12V	24V	36V	48V	72V	96V	110V	150V	220V
额定电流 Rated current	83.3A	41.7A	27.8A	20.8A	13.9A	10.4A	9.1A	6.7A	4.5A
电流范围 Current range	0-83.3A	0-41.7A	0-27.8A	0-20.8	0-13.9A	0-10.4A	0-9.1A	0-6.7A	0-4.5A
额定功率 Rated Power	1000W								
纹波 Ripple	200mV	200mV	260mV	350mV	500mV	600mV	850mV	900mV	1000mV
恒流范围 Constant current range	6-12V	12-24V	18-36V	24-48V	36-72V	48-96V	55-110V	75-150V	110-220V
电压精度 Voltage accuracy	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%
线路调整率 Line Regulation	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%
负载调整率 Load Regulation	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%
启动与上升时间 Startup & Rise Time	1500mS, 100mS/230V AC (满载) (Fully loaded)								
电压范围 Voltage range	180-264VAC/245-370VDC								
频率范围 Frequency range	45Hz-65Hz								
功率因数 Power Factor	PF≥0.65/230V AC (满载) (Fully loaded)								
效率 Efficiency	85%	86%	87%	89%	90%	90%	90%	91%	91%
交流电流 AC Current	<11A								
漏电流 Leakage Current	<3.0mA/240V AC								
短路保护 Short Circuit	恒定电流 Enter constant current								
过温保护 Over temperature	关闭输出，并在温度下降后自动恢复或重启 Shut down the output, and automatically recover or restart after the temperature drops								
输出电压 Output voltage	0-13.2V	0-26.4V	0-39.6V	0-52.8V	0-79.2V	0-105.6V	0-121V	0-165V	0-242V
输出恒流 Output constant current	0-83.3A	0-41.7A	0-27.8A	0-20.8A	0-13.9A	0-10.4A	0-9.1A	0-6.7A	0-4.5A
外部电位器 External potentiometer	外部电位器控制（电压、电流） External potentiometer control (voltage, current)								
模拟电压控制 Analog voltage control	0-5V/0-10V控制（电压、电流） 0-5V/0-10V control(voltage,current)								
辅助电源 Auxiliary power supply	12V 0.5A								
远程控制开关 Remote control switch	默认通电，高电平断电（3V-12V） Default power on, high level power off (3V-12V)								
工作温度 Operating temperature	-20~+60℃								
工作湿度 Operating humidity	-20~90%RH 无冷凝 -20~90%RH without condensation								
存储温度/湿度 Storage temperature/humidity	-40~+85℃, 10~95%RH 无冷凝 without condensation								
抗振动能力 Vibration resistance	10-500Hz 2G加速度，每周10分钟，X、Y、Z轴各60分钟。10-500Hz, 2G 10 minutes/cycle, 60 minutes for each of X, Y and Z axes								
绝缘电阻 Insulation resistance	Input to output: 100Mhms/500VDC/25℃/70%RH								
耐压强度 Pressure resistance	I/P-0/P:1.2KV AC I/P-FG:1.2KV AC O/P-FG:0.5KV AC								
尺寸 Dimension	277 × 155 × 70mm								
重量 Weight	2.6kg								
注意 Remark	- 所有参数均在230V交流输入电压、额定负载及25℃条件下测量，除非另有说明。 - 纹波及噪声电压的测量需使用20MHz带宽示波器，并在12英寸双绞线末端并联0.1μF和47μF电容，测量带宽为20MHz。 - 精度包含设定误差、线性调整率及负载调整率。 - 低输入电压条件下需对输出功率进行降额，具体请参考静态特性曲线。 - 启动时间为冷启动（完全断电后首次启动）条件下测得，频繁开关机可能导致启动时间延长。 - All parameters are measured at 230VAC input voltage, rated load and 25℃ unless otherwise specified. - Ripple and noise voltage are measured with a 20MHz bandwidth oscilloscope with 0.1μF and 47μF capacitors added to the end of a 12-inch twisted pair, and measured at 20MHz bandwidth. - Accuracy: includes setting error, linear regulation rate and load regulation rate. - Output must be derated in low input voltage conditions, please refer to the static characteristic curve for details. - Startup time is measured under cold start, and frequent switching may increase the startup time."								

外形尺寸 Overall dimension(mm)

