



SE-3000W单组输出电源 SE-3000W Single output power supply

概述 Summary

- > 单组输出：功率3000W
Single output: power 3000W
- > 输入电压:180~264VAC/245~370VAC 由开关切换
Input voltage: 180~264VAC/245~370VDC

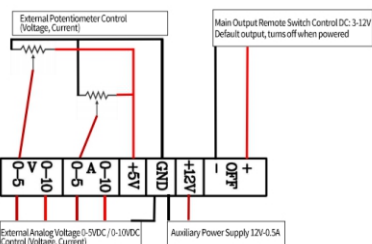


常见规格 General Specification

285 × 185 × 70mm

性能 Specification 型号 Model	SE-3000-12	SE-3000-24	SE-3000-36	SE-3000-48	SE-3000-72	SE-2000-96	SE-3000-110	SE-3000-150	SE-3000-220
直流输出电压 Dc output voltage	12V	24V	36V	48V	72V	96V	110V	150V	220V
额定电流 Rated current	250A	125A	83.3A	62.5A	41.7A	31.3A	27.3A	20A	13.6A
电流范围 Current range	0~250A	0~125A	0~83.3A	0~62.5A	0~41.7A	0~31.3A	0~27.3A	0~20A	0~13.6A
额定功率 Rated Power	3000W								
纹波和噪声(最大) Ripple & Noise(Max)	200mVp-p	200mVp-p	260mVp-p	350mVp-p	500mVp-p	600mVp-p	850mVp-p	900mVp-p	1000mVp-p
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%								
线路调整率 Line Regulation	± 1.0%								
负载调整率 Load Regulation	± 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	180~264V AC/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	<30A								
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	0~250A	0~125A	0~83.3A	0~62.5A	0~41.7A	0~31.3A	0~27.3A	0~20A	0~13.6A
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~O/P:1.2KV AC I/P~FG:1.2KV AC O/P~FG:0.5KV AC								
尺寸 Dimension	285 × 185 × 70mm								
重量 Weight	3.75kg								
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。 - 纹波和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 0.1 μ and 47 μ capacitors added to the end of a 12-inch twistedpair, 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)



Static characteristic curve diagram

