



SE-5000W单组输出电源 SE-5000W Single output power supply

概述 Summary

- > 单组输出：功率5000W
Single output: power 5000W
- > 输入电压:180~264VAC/245~370VAC 由开关切换
Input voltage: 180~264VAC/245~370VDC

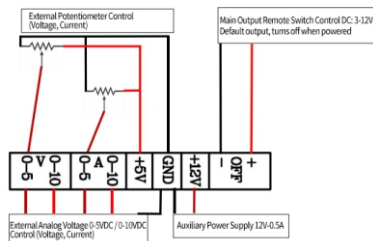


常见规格 General Specification

350×216×80mm

性能 Specification	型号 Model	SE-5000-12	SE-5000-24	SE-5000-36	SE-5000-48	SE-5000-72	SE-5000-96	SE-5000-110	SE-5000-150	SE-5000-220
直流输出电压 Dc output voltage		12V	24V	36V	48V	72V	96V	110V	150V	220V
额定电流 Rated current		333A	208A	138.8A	104A	69A	52A	45A	33A	22.7A
电流范围 Current range		0~333A	0~208A	0~138.8A	0~104A	0~69A	0~52A	0~45A	0~33A	0~22.7A
额定功率 Rated Power		5000W								
纹波 Ripple		250mV	270mV	300mV	400mV	500mV	600mV	850mV	900m	1000m
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/230VAC (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≥0.65/230VAC (满载) (Fully loaded)								
效率 Efficiency		83%	86%	87%	89%	90%	90%	90%	91%	91%
交流电流 AC Current		<55A								
漏电流 Leakage Current		<3.0mA/240VAC								
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		0~333A	0~208A	0~138.8A	0~104A	0~69A	0~52A	0~45A	0~33A	0~22.7A
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:1.2KVAC I/P-FG:1.2KVAC O/P-FG:0.5KVAC								
尺寸 Dimension		350×216×80mm								
重量 Weight		6.5kg								
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)



Static characteristic curve diagram

