



SE-2000W单组输出电源 SE-2000W Single output power supply

概述 Summary

- > 单组输出: 功率2000W
Single output: power 2000W
- > 输入电压: 180~264VAC/245~370VAC 由开关切换
Input voltage: 180~264VAC/245~370VDC

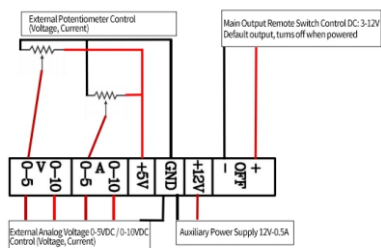


常见规格 General Specification

277 × 155 × 70mm

性能 Specification 型号 Model	SE-2000-24	SE-2000-36	SE-2000-48	SE-2000-70	SE-2000-110	SE-2000-220
直流输出电压 Dc output voltage	24V	36V	48V	70V	110V	220V
额定电流 Rated current	83.3A	55.5A	41.6A	28.6A	18.2A	9.1A
电流范围 Current range	0~83.3A	0~55.5A	0~41.6A	0~28.6A	0~18.2A	0~9.1A
额定功率 Rated Power	1999.2W	1998W	1996.8W	2002W	2002W	2002W
纹波和噪声 (最大) Ripple & Noise(Max)	200mVp-p	300mVp-p	300mVp-p	500mVp-p	600mVp-p	800mVp-p
恒流范围 Constant current range	0~24V	0~36V	0~48V	0~70V	0~110V	0~220V
电压精度 Voltage accuracy	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%
线路调整率 Line Regulation	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
负载调整率 Load Regulation	±1.0%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
启动与上升时间 Startup & Rise Time	1500mS,30mS/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	86%	87%	89%	90%	90%	91%
交流电流 AC Current	<20A					
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	0~26.4V	0~39.6V	0~52.8V	0~79.2V	0~121V	0~242V
输出恒流 Output constant current	0~83.3A	0~55.5A	0~41.6A	0~27.7A	0~18.1A	0~9A
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, 每周期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:1.2KVAC I/P~FG:1.2KVAC O/P~FG:0.5KVAC					
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 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

