



SE-1500W单组输出电源 SE-1500W Single output power supply

概述 Summary

- > 单组输出：功率1500W
Single output: power 1500W
- > 输入电压:180~264VAC/245~370VAC 由开关切换
Input voltage: 180~264VAC/245~370VDC

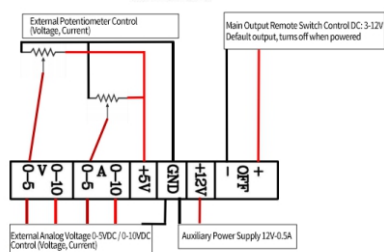


常见规格 General Specification

277 × 155 × 70mm

性能 Specification 型号 Model	SE-1500-24	SE-1500-36	SE-1500-48	SE-1500-70	SE-1500-110	SE-1500-220
直流输出电压 Dc output voltage	24V	36V	48V	70V	110V	220V
额定电流 Rated current	62.5A	41.67A	31.25A	21.43A	13.64A	6.82A
电流范围 Current range	0-62.5A	0-41.67A	0-31.25	0-21.43A	0-13.64A	0-6.82A
额定功率 Rated Power	1499.2W	1498W	1496.8W	1502W	1502W	1502W
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	0-62.5A	0-41.67A	0-31.25A	0-23.43A	0-13.64A	0-6.82A
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	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英寸双绞线末端并接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

