



SED-10000W单组输出电源 SED-10000W Single output power supply



概述 Summary

- > 单组输出: 功率10000W
Single output: power 10000W
- > 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

415 × 222.8 × 172mm

性能 Specification	型号 Model	SED-10000-24	SED-10000-36	SED-10000-48	SED-10000-60	SED-10000-72	SED-10000-96	SED-10000-108	SED-10000-150	SED-10000-220
直流输出电压 Dc output voltage		24V	36V	48V	60V	72V	96V	108V	150V	220V
额定电流 Rated current		375A	250A	188A	150A	125A	94A	83A	60A	41A
电流范围 Current range		0-375A	0-250A	0-188A	0-150A	0-125A	0-94A	0-83A	0-60A	0-41A
额定功率 Rated Power		10000W								
纹波 Ripple		380mV	450mV	500mV	500mV	500mV	600mV	850mV	900m	1000m
恒流范围 Constant current range		12-24V	18-36V	24-48V	30-60V	36-72V	48-96V	54-108V	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		86%	87%	88%	89%	90%	90%	90%	91%	91%
交流电流 AC Current		<89A								
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		0-375A	0-250A	0-188A	0-150A	0-125A	0-94A	0-83A	0-60A	0-41A
外部电位器 External potentiometer		外部电位器控制(电压、电流)(可定制) External potentiometer control (voltage, current)(customizable)								
电压和电流可调 Voltage and current adjustable		通过旋钮调节 Adjust by knob								
模拟电压控制 Analog voltage control		电压和电流可定制 Voltage and current can be customized								
远程控制开关 Remote control switch		默认电源开启, 高电平电源关闭 (3V-12V) (可定制) Default power on, high level power off (3V-12V)(customizable)								
工作温度 Operating temperature		-20~+60°C								
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°C, 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°C/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		415 × 222.8 × 172mm								
重量 Weight		14.2kg								
注意 Remark		- 所有参数均在230V交流输入电压、额定负载及25°C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°C unless otherwise specified. - Ripple and noise voltage are measured with a 20MHz bandwidth oscilloscope with 0.1μ and 47μ 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

