SED-8000W单组输出电源
SED-8000W Single output power supply

概述 Summary

> 单组输出：功率8000W
Single output: power 8000W
> 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

351×210.8×148.5mm

型号 Model / 性能 Specification	SED-8000-12	SED-8000-24	SED-8000-36	SED-8000-48	SED-8000-72	SED-8000-96	SED-8000-110	SED-8000-150	SED-8000-220
直流输出电压 Dc output voltage	12V	24V	36V	48V	72V	96V	110V	150V	220V
额定电流 Rated current	300A	200A	150A	120A	100A	75A	65.5A	48A	33A
电流范围 Current range	0-300A	0-200A	0-150A	0-120A	0-100A	0-75A	0-65.5A	0-48A	0-33A
额定功率 Rated Power	8000W								
纹波 Ripple	380mV	450mV	500mV	500mV	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/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	86%	87%	89%	90%	90%	90%	90%	91%	91%
交流电流 AC Current	<55A								
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	0-26.4V	0-39.6V	0-52.8V	0-66V	0-79.2V	0-105.6V	0-121V	0-165V	0-242V
输出恒流 Output constant current	0-300A	0-200A	0-150A	0-120A	0-100A	0-72A	0-65.5A	0-48A	0-33A
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℃								
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:1.2KV AC I/P-FG:1.2KV AC O/P-FG:0.5KV AC								
尺寸 Dimension	351×210.8×148.5mm								
重量 Weight	8.5kg								
注意 Remark	1. 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。 2. 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。 3. 精度包含设定误差、线性调整率及负载调整率。 4. 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。 5. 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。 1. All parameters are measured at 230VAC input voltage, rated load and 25℃ unless otherwise specified. 2. 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. 3. Accuracy: includes setting error, linear regulation rate and load regulation rate. 4. Output must be derated in low input voltage conditions, please refer to the static characteristic curve for details. 5. 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