



# SP-6000W单组输出电源

## SP-6000W Single output power supply

### 概述 Summary

- > 单组输出: 功率6000W  
Single output: power 6000W
- > 输入电压: 95-190VAC (输出电流50%)  
195-265VAC (输出电流100%)  
Input voltage: 95-190VAC(output current 50%)  
195-265VAC(output current 100%)



### 常见规格 General Specification

432 × 179 × 242mm

性能 Specification	型号 Model	SP-6000-24	SP-6000-30	SP-6000-36	SP-6000-48	SP-6000-60	SP-6000-110	SP-6000-220
直流输出电压 DC voltage		24V	30V	36V	48V	60V	110V	220V
额定电流 Rated current		225A	180A	150A	112.5A	90A	49.1A	24.5A
电流范围 Current range		0-225A	0-180A	0-150A	0-112.5A	0-90A	0-49.1A	0-24.5A
额定功率 Rated Power		6000W						
纹波 Ripple		500mV	500mV	500mV	600mV	600mV	1000mV	1500mV
恒流最佳范围 Constant current optimum range		12-24V	15-30V	18-36V	24-48V	30-60V	55-110V	110-220V
电压精度 Rated 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, 700mS/230V AC (满载) (Fully loaded)						
电压范围 Voltage range		95-190VAC(Output Current 50%), 195-265VAC(Output Current 100%) 95-190VAC (输出电流50%), 195-265VAC (输出电流100%)						
频率范围 Frequency range		45Hz-65Hz						
功率因数 Power Factor		PF ≥ 0.99/230V AC (满载) (Fully loaded)						
效率 Efficiency(MAX)		90%	90%	91.5%	92%	92%	92.5%	93%
交流电流 AC Current		<56A						
漏电流 Leakage Current		<3.0mA/240V AC						
短路保护 Short Circuit		当输入恒流且电压低于额定电压的10%时, 输出在1秒后关闭并锁定, 并在重新启动后恢复。 When the constant current is entered and the voltage is lower than 10% of the rated voltage, the output is shut down and locked after 1 second, and recovers after restarting.						
过流 Over current		用户可以设置过电流值, 使输出延迟5秒, 然后关闭输出, 重新启动后恢复。 The user can set the over-current value to delay the output for 5 seconds and then shut down the output, and then resume after restarting.						
过压 Overpressure		用户可以设置过压值以关闭输出电压, 并在重启后恢复。 Users can set the overvoltage value to shut down the output voltage, and restore after restart.						
过温 Over temperature		Shut down the output, automatically recover or restart after the temperature drops. 关闭输出, 温度下降后自动恢复或重新启动。						
输出电压调整 Output voltage adjustment		0-26.4V	0-33V	0-39.6V	0-52.8V	0-66V	0-121V	0-242V
输出恒流调节 Output constant current adjustment		0-225A	0-180A	0-150A	0-112.5A	0-90A	0-49.1A	0-24.5A
485通信 485 Communications		Modbus通信协议 MODBUS Communication Protocol						
隔离辅助设备 Isolated auxiliary		12V 0.5A (需要定制) (Need customization)						
输出远程开关 Output remote switch		默认电源开启, 高电平电源关闭 (5V-12V) (需要定制) Default power on, high level power off (5V-12V) (Need customization)						
报警信号输出 Alarm signal output		电源良好信号 (干触点 ≤ 36V, 0.1A) (需要定制) Power Good Signal (Dry Contact ≤ 36V, 0.1A) (Need customization)						
工作温度 Operating temperature		-20-+60°C						
工作湿度 Operating humidity		-20-90%RH无冷凝 -20-90% RH No condensation						
储存温度和湿度 Storage temperature and humidity		-40-+85°C, 相对湿度10-95%无冷凝 -40-+85°C, 10-95% RH No condensation						
抗震性能好 Vibration resistance		10-500Hz, 2G 10分钟/周期, X, Y, Z 60分钟 10-500Hz, 2G 10 Min/cycle, X, Y, Z 60 Min						
绝缘电阻 Insulation resistance		输入输出: 100Mhms/500VDC/25°C/70%RH Input to Output: 100Mhms/500VDC/25°C/70%RH						
耐压性 Pressure resistance		I/P-O/P: 2KVAC IP-FG: 2KVAC O/P-FG: 0.5KVAC						
尺寸 size		432 × 179 × 242mm						
重量 net weight		9 kg						

### 外形尺寸 Overall dimension(mm)

