



# SE-5000W单组输出电源

## SE-5000W Single output power supply

### 概述 Summary

- > 单组输出: 功率5000W  
Single output: power 5000W
- > 输入电压: 180 ~ 264VAC/245~370VAC  
Input voltage: 180 ~ 264VAC/245~370VDC

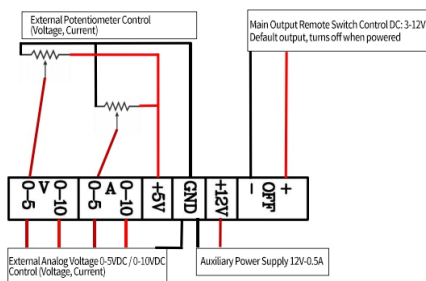


### 常见规格 General Specification

356 × 216 × 80mm

| 性能 Specification                        | 型号 Model | SE-5000-12  | SE-5000-24 | SE-5000-30 | SE-5000-36 | SE-5000-48 | SE-5000-72 | SE-5000-96 | SE-5000-110 | SE-5000-150 | SE-5000-220 |
|---|----------|---|------------|------------|------------|------------|------------|------------|-------------|-------------|-------------|
| 直流输出电压<br>Dc output voltage             |          | 12V   | 24V        | 30V        | 36V        | 48V        | 72V        | 96V        | 110V        | 150V        | 220V        |
| 额定电流<br>Rated current                   |          | 291.7A  | 208A       | 166.7A     | 138.8A     | 104A       | 69A        | 52A        | 45A         | 33A         | 22.7A       |
| 电流范围<br>Current range                   |          | 0-291.7A  | 0-208A     | 0-166.7A   | 0-138.8A   | 0-104A     | 0-69A      | 0-52A      | 0-45A       | 0-33A       | 0-22.7A     |
| 额定功率<br>Rated Power                     |          | 5000W   |            |            |            |            |            |            |             |             |             |
| 纹波<br>Ripple                            |          | 250mV   | 270mV      | 285mV      | 300mV      | 400mV      | 500mV      | 600mV      | 850mV       | 900mV       | 1000mV      |
| 恒流范围<br>Constant current range          |          | 6-12V   | 12-24V     | 15-30V     | 18-36V     | 24-48V     | 36-72V     | 48-96V     | 55-110V     | 75-150V     | 110-220V    |
| 电压精度<br>Voltage accuracy                |          | ± 1.0%  |            |            |            |            |            |            |             |             |             |
| 线路调整率<br>Line Regulation                |          | ± 1.0%  |            |            |            |            |            |            |             |             |             |
| 负载调整率<br>Load Regulation                |          | ± 1.0%  |            |            |            |            |            |            |             |             |             |
| 启动与上升时间<br>Startup & Rise Time          |          | 1500mS, 100mS/230V AC (满载) (Fully loaded)   |            |            |            |            |            |            |             |             |             |
| 电压范围<br>Voltage range                   |          | 180-264V AC/245-370VDC  |            |            |            |            |            |            |             |             |             |
| 频率范围<br>Frequency range                 |          | 45Hz-65Hz   |            |            |            |            |            |            |             |             |             |
| 功率因数<br>Power Factor                    |          | PF≥0.65/230V AC (满载) (Fully loaded)   |            |            |            |            |            |            |             |             |             |
| 效率<br>Efficiency                        |          | 83%   | 86%        | 87%        | 87%        | 89%        | 90%        | 90%        | 90%         | 91%         | 91%         |
| 交流电流<br>AC Current                      |          | <55A  |            |            |            |            |            |            |             |             |             |
| 漏电流<br>Leakage Current                  |          | <3.0mA/240V AC  |            |            |            |            |            |            |             |             |             |
| 短路保护<br>Short Circuit                   |          | 恒定电流 Enter constant current   |            |            |            |            |            |            |             |             |             |
| 过温保护<br>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<br>Output voltage                  |          | 0-13.2V   | 0-26.4V    | 0-33V      | 0-39.6V    | 0-52.8V    | 0-79.2V    | 0-105.6V   | 0-121V      | 0-165V      | 0-242V      |
| 输出恒流<br>Output constant current         |          | 0-291.7A  | 0-208A     | 0-166.7A   | 0-138.8A   | 0-104A     | 0-69A      | 0-52A      | 0-45A       | 0-33A       | 0-22.7A     |
| 外部电位器<br>External potentiometer         |          | 外部电位器控制 (电压、电流) External potentiometer control (voltage, current)   |            |            |            |            |            |            |             |             |             |
| 模拟电压控制<br>Analog voltage control        |          | 0-5V/0-10V控制 (电压、电流) 0-5V/0-10V control(voltage,current)  |            |            |            |            |            |            |             |             |             |
| 辅助电源<br>Auxiliary power supply          |          | 12V 0.5A  |            |            |            |            |            |            |             |             |             |
| 远程控制开关<br>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<br>Operating temperature           |          | -20~+60°C   |            |            |            |            |            |            |             |             |             |
| 工作湿度<br>Operating humidity              |          | -20-90%RH 无冷凝 -20-90%RH without condensation  |            |            |            |            |            |            |             |             |             |
| 存储温度/湿度<br>Storage temperature/humidity |          | -40~+85°C, 10-95%RH 无冷凝 without condensation  |            |            |            |            |            |            |             |             |             |
| 抗振动能力<br>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<br>Insulation resistance           |          | Input to output: 100Mhms/500VDC/25°C/70%RH  |            |            |            |            |            |            |             |             |             |
| 耐压强度<br>Pressure resistance             |          | I/P-0/P:1.2KV AC I/P-FG:1.2KV AC O/P-FG:0.5KV AC  |            |            |            |            |            |            |             |             |             |
| 尺寸<br>Dimension                         |          | 356 × 216 × 80mm  |            |            |            |            |            |            |             |             |             |
| 重量<br>Weight                            |          | 6.5kg   |            |            |            |            |            |            |             |             |             |

### 外形尺寸 Overall dimension(mm)



Static characteristic curve diagram

