

成品尺寸230x161mm

封面

折后尺寸115x161mm

PANEL INSTRUCTION (R-SPS\*S series)

① Output Voltage Display  
② Output Current Display  
③ Output Power Display  
④ Constant voltage Indicator  
⑤ Constant current Indicator  
⑥ Power Switch  
⑦ Current Tuner (press down to select cursor position)  
⑧ Voltage Coarse Tuner (press down to select cursor position)  
⑨ + Positive Polarity ( Red )  
⑩ - negative Polarity ( Black )  
⑪ Grounding ( Green )  
⑫ Operation panel lock button ( Press and hold for 5 seconds to turn off or start the buzzer)  
⑬ Memory Recall / Save Button  
⑭ OVP switch  
⑮ OCP switch  
⑯ Output on/off button  
⑰ Temperature controlled fan  
⑱ Power Socket  
⑲ Fuse Box  
⑳ Output Terminal (+)  
㉑ Output Terminal (-)  
㉒ USB Port (Optional)  
RS-485 Port (Optional)  
RS-232 Port (Optional)

Input Voltage: 220V±10% 50Hz (110V±10% 60Hz)  
Product Dimension: Length 310mm \* Width190mm \* Height 86mm  
Product Weight : 2.2 Kg  
Display Resolution : Voltage : 00.01V Current : 00.01A

⚠ Connect the front terminal for loads below 5A and the rear terminal for loads above 5A

SPECIFICATION

Model	Output Voltage(V)	Output Current(A)	Fuse	
			110V Input	220V Input
R-SPS3020S	0~30V	0~20A	8A	5A
R-SPS3030S	0~30V	0~30A	12A	8A
R-SPS6010S	0~60V	0~10A	8A	5A
R-SPS6020S	0~60V	0~20A	12A	8A
R-SPS1520S	0~15V	0~20A	5A	3A
R-SPS1530S	0~15V	0~30A	8A	5A
R-SPS1540S	0~15V	0~40A	8A	5A
R-SPS1560S	0~15V	0~60A	12A	8A
R-SPS1005S	0~100V	0~5A	8A	5A
R-SPS1505S	0~150V	0~5A	12A	8A
R-SPS2005S	0~200V	0~5A	15A	10A
R-SPS3040S	0~30V	0~40A	15A	10A
R-SPS10010S	0~100V	0~10A	15A	10A
R-SPS11010S	0~110V	0~10A	15A	10A
R-SPS12010S	0~120V	0~10A	15A	10A
R-SPS2003S	0~200V	0~3A	8A	5A
R-SPS4001S	0~400V	0~1A	8A	5A
R-SPS4002S	0~400V	0~2A	8A	5A
R-SPS6001S	0~600V	0~1A	8A	5A
R-SPS6002S	0~600V	0~2A	12A	8A
R-SPS8001S	0~800V	0~1A	12A	8A
R-SPS2005S	0~200V	0~5A	12A	8A
R-SPS1580S	0~15V	0~80A	12A	8A

The mode is listed in the table above are basic models. If you add 232 or USB or 485 ports, add the words -232 or -USB or -485 after the model name (for example: R-SPS3020S-232 or R-SPS3020S-USB or R-SPS3020S-485). For port connections, please refer to the upper computer connection manual.

Voltage current regulation instructions:

For example :

- the voltage value is set to 30V
- 1 Turn on the power switch .
  - 2 Rotate Voltage knob to adjust the voltage to 30V.
- the current value is set to 20A
- 1 Set the OUTPUT button to OFF state.
  - 2 Rotate Current knob to adjust the current to 20A.
  - 3 Press OUTPUT Button to the ON state,Connect Load to use.

Reminder: When adjusting the voltage/current settings, pressdown on the voltage/ current knob to select the cursor position

Operation method:

- 1 **Power On:** Press the "POWER" button to turn on the power., the screen will display the previous voltage and current values.
- 2 **Voltage setting** :You can set the voltage by rotating the "VOLTAGE" encoder switch. When entering the voltage setting, the current "digit" being set will blink to indicate. Rotate clockwise to increase the value and counterclockwise to decrease it. Press the encoder switch to move the cursor position. Blinking stops after 5 seconds of completing the voltage setting.
- 3 **Current setting** : You can set the current by rotating the "CURRENT" encoder switch. When entering the current setting, the current "digit" being set will blink to indicate. Rotate clockwise to increase the value and counterclockwise to decrease it. Press the encoder switch to move the cursor position. Blinking stops after 5 seconds of completing the current setting.
- 4 **The storage setting:** power can store three sets of voltage and current data, M1, M2, and M3. By pressing the "M1", "M2", or "M3" keys, the stored voltage and current values can be called up separately. When adjusting a set of stored voltage and current values, press the corresponding button (LED light on). After adjusting the voltage and current values, press the corresponding storage button again to update the stored data.
- 5 **OCP Short Circuit Protection:** Short press the "OCP" button to enable or disable the OCP short circuit protection alarm function. Press and hold the "OCP" button for 3 seconds to enter the OCP setting state. Use the current adjustment knob to set the current value of OCP. When OCP is enabled, an alarm will sound when an external load short circuit or overcurrent occurs, and the machine will stop outputting, effectively protecting the external load. To clear the OCP alarm, short press the OCP button
- 6 **OVP overvoltage protection function:** Short press the "OVP" button to enable or disable the OVP overvoltage protection function. Press and hold the "OVP" button for 3 seconds to enter the OVP setting state. You can use the voltage adjustment knob to set the voltage value of the OVP. When OVP is enabled, when the load voltage exceeds the set voltage, the machine will stop outputting and issue an alarm, effectively protecting external loads. Short press the OVP button to clear the OVP alarm.
- 7 **LOCK screen lock function:** Short press the lock button to lock the screen buttons to prevent accidental operation. Short press the lock button again to unlock the screen buttons. Press and hold the LOCK key for 5 seconds to turn on or off the buzzer.
- 8 **OUTPUT On/Off:** Short press the "OUTPUT" button to switch the power supply output on or off.