

Circuit Specialists, Inc.

CSI3020SW

CSI3030SW

Switching Power Supply

CSI3020SW CSI3030SW switching power supply has many features, such as high efficiency, compact size, light weight, good reliability. In addition, this power supply also uses a low-ripple design. The ripple and noise is very close to a linear ripple.

Main Technical Specifications:

Models	CSI3020SW	CSI3030SW
Output		
Variable Output Voltage	0 - 30V	0 - 30V
Variable Output Current	0 - 20A	0 - 30A
Ripple & Noise		
Ripple & Noise (peak-peak) Voltage	100mV	100mV
Meter Type & Accuracy		
Voltage Meter	3 Digit LCD Display $\pm 0.2\%$ +3counts	
Current Meter	3 Digit LCD Display $\pm 0.2\%$ +3counts	
Input Voltage	110VAC 60Hz~	
Protections	Overload, Over Temperature	
Dimensions (WxHxD)	336x87x214 mm	
Weight	2.9 kgs	

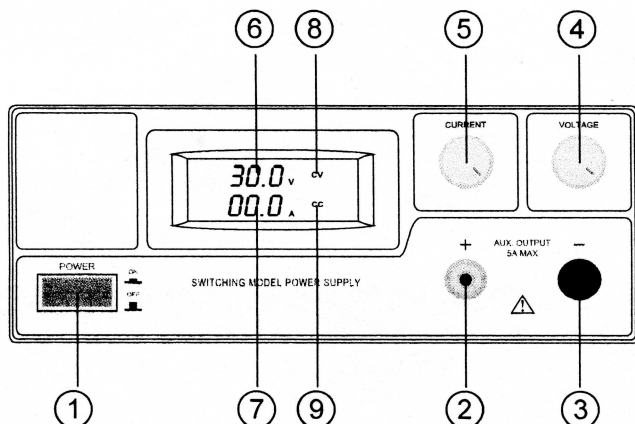
Operation environment: Temperature 0~40℃

Relative humidity: no more than 90% RH

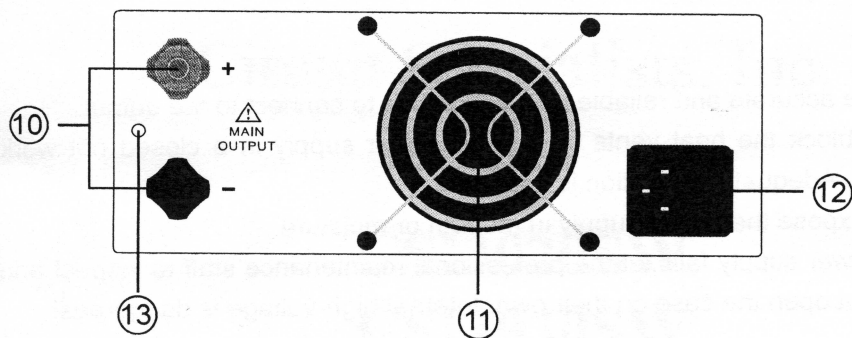
Atmospheric pressure: 86KPa~ 104 Kpa

Operating method

1. The role of the control parts on the panel



- (1) Power Switch: "ON" position: turned on, "OFF" position :turn off.
- (2) The Positive output
- (3) The negative output
- (4) Voltage Adjustment Knob
- (5) Current Adjustment Knob
- (6) Voltage indication
- (7) Current indication
- (8) Regulated voltage indication
- (9) Current regulator indication



- (10) Output terminal: 20A/30A max; Red positive; black negative
- (11) Cooling fan
- (12) Fuse
- (13) Grounding terminal

1. Operating method

1-1 Connect a load(electrical equipment, etc.) to the power supply output, and pay attention to the polarity .Do not reverse the polarity.

1-2 Plug AC input power cord into a suitable AC power jack.

1-3 Place the power switch to "ON" position, the power indicator light , and the power has been turned on.

1-4 Pay attaition that the load current should be less than the rated output current of the power supply, 80% of rated output current is recommended to be the maximum current.

1. Operating method

1-1 Connect a load(electrical equipment, etc.) to the power supply output, and pay attention to the polarity .Do not reverse the polarity.

1-2 Plug AC input power cord into a suitable AC power jack.

1-3 Place the power switch to"ON" position, the power indicator light , and the power has been turned on.

1-4 Pay attaition that the load current should be less than the rated output current of the power supply, 80% of rated output current is recommended to be the maximum current.

2. Notice

2-1 Must use accurate and reliable connection line to connect to the output.

2-2 Do not block the heat vents or put the power supply in a closed hot work environment. Adequate ventilation is important.

2-3 Do not expose the power supply in the rain or moisture.

2-4 If the power supply fails,let the professional maintenance staff to inspect and repair. Do not open the case on their own. Internal high-voltage is dangerous!