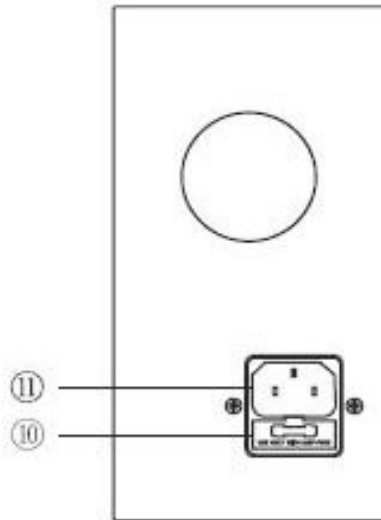


◆ PART NAMES AND FUNCTIONS

Rear View



- 10. Fuse: 110V : 5A
- 11. Input Power Cable: 110V 60Hz

• NOTICE

- 1 Store this unit in a dry well-ventilated and clean place.
- 2 Turn off and unplug the unit before servicing.
- 3 Be aware that this unit generates high temperatures during high current applications. Please insure adequate ventilation for safe operation.
- 4 Caution: Improper or incorrect operation may cause the output voltage to exceed the maximum rated voltage. Use care to with load settings to prevent damage.
- 5 This unit must be plugged into a properly grounded AC Power outlet to ensure safe operation.

## Circuit Specialists, Inc.

**DC Switching Power Supply  
CSI3003SM    CSI3005SM**

Circuit Specialists, Inc  
220 S Country Club Dr, Bldg 2  
Mesa, AZ 85210

[www.CircuitSpecialists.com](http://www.CircuitSpecialists.com)

tel: 800-528-1417/480-464-2485  
fax: 480-464-5824

Thank you for purchasing the CSI3003SM/CSI3005SM DC Switching Power Supply. Please read this manual before using this power supply to ensure proper and safe operation. Keep this manual for future reference.

## ◆ General

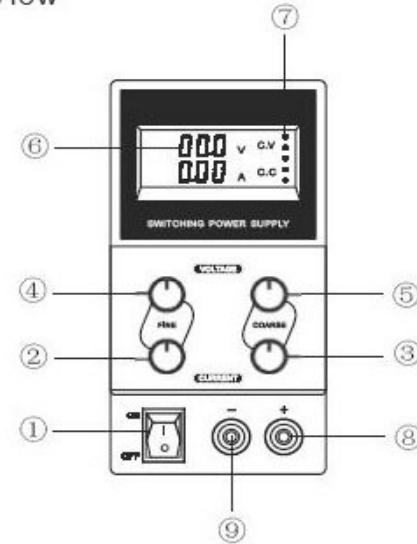
The CSI3003SM/CSI3005SM series power supplies are DC Switch Mode power supplies with highly accurate LCD digital meters. The output voltage can be adjusted from 0 to 30 VDC and the output current may be adjusted from 0 to 3A (CSI3003SM) or 0 to 5A (CSI3005SM).

### • Specifications

- 1 Input Voltage: AC110V 60Hz  $\pm$ 2Hz
- 2 Output Voltage: 0~30VDC ( Adjustable.)
- 3 Output Current: 0~3A (CSI3003SM)  
0~5A (CSI3005SM)
- 4 Supply Regulation:  $CV \leq 1\% + 10mV$
- 5 Load Regulation:  $CV \leq 1\% + 5mV$
- 6 Ripple: 200mVp-p
- 7 Protection: Current Limiting
- 8 Meter Display Accuracy:  
3 digits:  
Voltmeter: LCD  $\pm 1\% + 2$ Digits  
Ammeter: LCD  $\pm 1\% + 2$ Digits
- 9 Operational Environment:  
Temperature: 0 $^{\circ}$ ~40 $^{\circ}$ C  
Humidity: <RH 80%  
Atmospheric Pressure: 86kPa~104kPa
- 10 Operating Time: 8hr. continuous
- 11 Size: 85x160x205mm

## ◆ PART NAMES AND FUNCTIONS

Front View



1. On Off switch
2. Current fine adjustment knob
3. Current coarse adjustment knob
4. Voltage fine adjustment knob
5. Voltage coarse adjustment knob
6. 3 Digit LCD Meter, Displays the voltage and current
7. Mode indicator
8. Positive Output Terminal
9. Negative Output Terminal