

CAUTION

1. The chassis of the unit is negatively grounded.
2. When plugging the unit into a wall outlet, it must be turned off.
3. Place the unit in a dry and well ventilated area.
4. Never touch the unit while it is working. Even though it is designed for high efficiency, the unit will still get hot.
5. If a short circuit occurs during operation, the unit will be protected by a short circuit protection function. Turn off the unit and repair the cause of the short circuit immediately, then turn it back on.
6. Do not use the unit for devices that require high current input at start up such as motorized equipment. Do not use the unit to charge a car battery.
7. Before replacing a fuse make sure that the unit has been turned off. Be sure to use the specified type of fuse.
8. Make sure the product is always suitably grounded to prevent electric shock and to reduce noise.
9. Never disassemble, modify, or touch the inside of the unit. That could cause damage to the product and make the warranty invalid.

CircuitSpecialists

SWITCHING MODE
DC REGULATED POWER SUPPLY

CSI25SW-D

INSTRUCTION MANUAL

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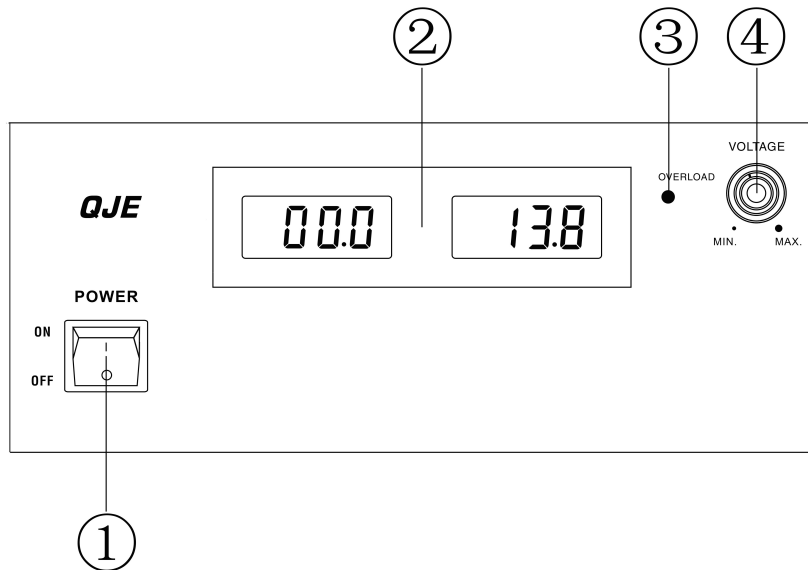
tel:800-528-1417/480-464-2485

fax: 480-464-5824

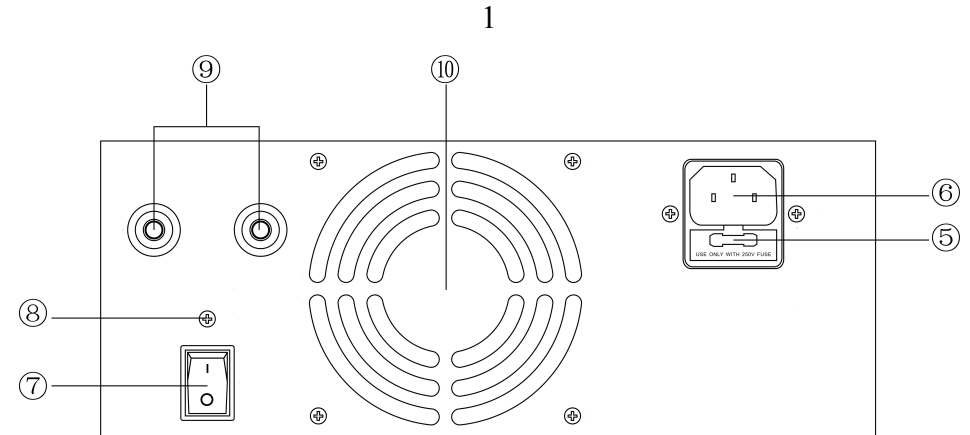
INTRODUCTION

CSI25SW-D is a HIGH POWERED SWITCH MODE DC REGULATED POWER SUPPLY providing high current up to 25 Amp output in a lightweight and compact size. It is suitable for a wide range of uses, such as radio equipment, and it is ideal for high power car stereo equipment. In addition to variable output from 3 to 15VDC, a fixed 13.8VDC can be selected. Overload, Over temperature, and Over voltage protection are standard.

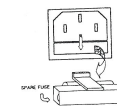
PART NAMES AND FUNCTIONS



1. **Power switch:** Turns the unit on and off.
2. **Meter:** Displays the voltage and current.
3. **Overload Indicator.**
4. **Voltage adjustment**



5. **FUSE**
6. **Input power cable:** 110V/60Hz
7. **Output control switch:** Turn this switch to the adjust position and adjust ④ to the desired output level or select the fixed 13.8V output setting.
8. **Grounding terminal**
9. **Output terminal:** 25A max; Red positive; black negative.
10. **Cooling fan**



SPECIFICATIONS

1. **Input voltage:** 110V/60Hz
2. **Output voltage:** 13.8VDC fixed or adjustable voltage between 3.0 and 15.0 volts.
3. **Output voltage regulation:** < 2%+/-
4. **Protection:** Over Temperature, Short Circuit, Over Voltage
5. **Output current:** 25A max/ 23 Amp continuous
6. **Ripple & Noise:** ≤50mVp-p
7. **Fuse:** 110V:8A
8. **Dimensions:** 220x110x220 mm

9. Weight; 2.7kg