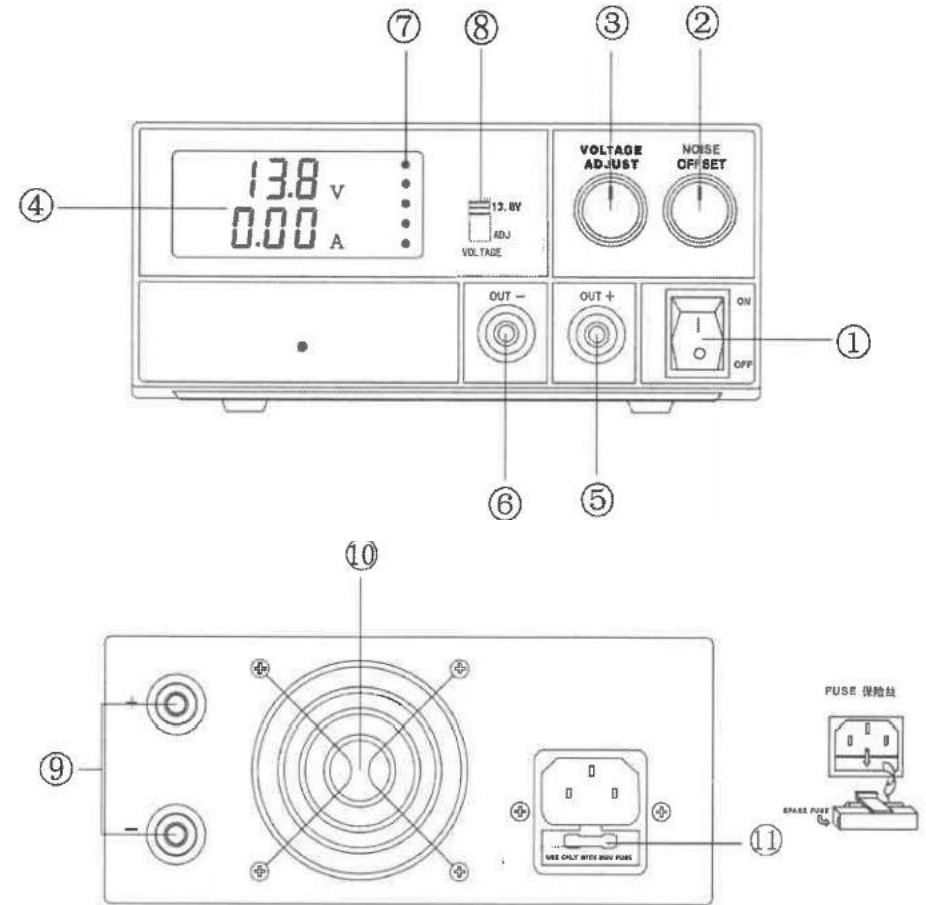


PART NAMES AND FUNCTIONS

1. Power switch: Turns the unit on and off.
2. Noise off-set volume control: Adjust it to eliminate the pulse noise of the switching power supply. This function is specially designed for communication.
3. Voltage adjustment: Adjusts voltage between 9.0 and 15.0 volts. Turn clockwise to increase and counter clockwise to decrease the voltage. When it is set at the center position, it will be 13.8 volts.
4. Meter: 3 Digital Displays the voltage or current.
5. Output Positive Terminal
6. Output Negative Terminal
7. Current indication
8. Output control switch: Turn this switch to the adjust position while you adjusting ⑥ to the desired output level./Fixed output:13.8V
9. Output terminal:Red positive (+) Black negative (-)
10. Cooling fan.
11. FUSE: If you want to change FUSE F1, please use the screwdriver and pull out the relief cover which in the outlet.



CAUTION

- Even though the chassis of the unit is negatively grounded, use correct terminals to connect cable.
- When plugging the unit into a wall outlet, it must be turned off.
- Place the unit in a dry and well ventilated area.
- Never touch the unit while it is working. Even though it is designed for high efficiency the unit will still get hot.
- A current limiting system will protect the unit from overloading.
- If a short circuit occurs while outputting, 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.

- Do not use the unit for devices that require high current input at the start, such as motorized equipment. Do not use the unit to charge a car battery.
- Before replacing a fuse make sure that the unit has been turned off. Be sure to use the specified type of fuse.
- Make sure the product is always suitably grounded to prevent electric shock and to reduce noise.
- Never disassemble, modify, and touch the inside of the unit unnecessarily. That could cause damage to the product and make the warranty invalid.

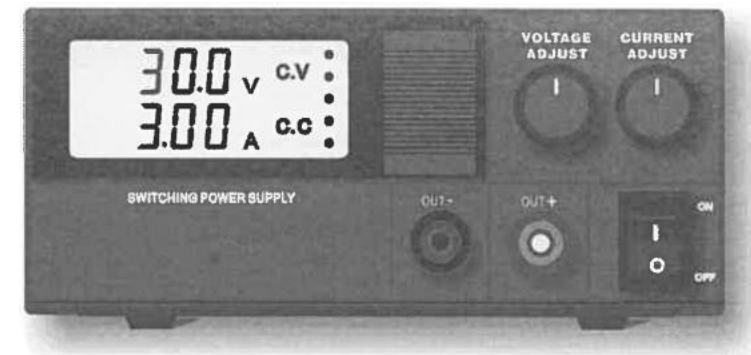
SPECIFICATIONS

Model No	PS30SWIV
Input voltage	AC 220V-240V 50Hz
Output voltage	DC 9.0V-15.0V ADJ(13.8V Fixed)
Output current max	30A
output continuous Current	20A
output voltage regulation	Less than 2%
Output ripple noise	Less than 80mVp-p at rated load
output protection	Short-circuit/Automatic current limit within 30A
input fuse	220V 5A
Dimensions WxHxD	155x70×205mm
Cooling system	Thermally Control Fan
Weight	1.5Kg



SWITCHING MODE DC REGULATED POWER SUPPLY PS30SWIV

INSTRUCTION MANUAL



PS30SWIV is a high efficiency, compact, lightweight, high performance switching power supply. It is also engineered to minimize the noise specifically for the communication. Even when the noise occurs, it can be eliminated by the Noise-Offset control. Many convenient functions like voltage pre-set knob and a highly visible back lit meter are all included in this standard power supply.