

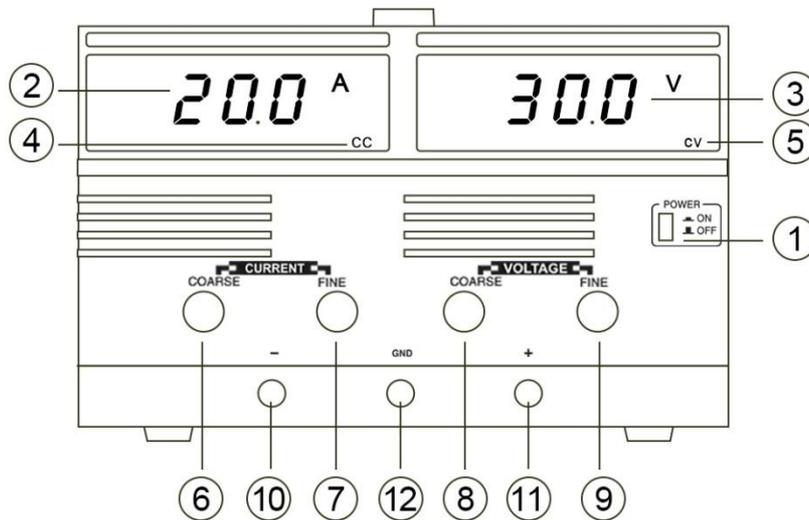
HIGH POWER REGULATED DC POWER SUPPLY

OPERATION MANUAL

1. SPECIFICATIONS

Input voltage	110V/220V \pm 10% 60/50Hz (State when ordering)
Output voltage range	0-30V/60V/100V/120V/150V(Optional)
Output current range	0-4A/5A/10A/20A/30A/50A(Optional)
Display	3 or 4 digit display
Display accuracy	\pm 0.5% + id
Effectiveness	\pm 0.5%
Voltage adjustment	
Load adjustment (10-100%)	50mV
	20mV
Ripple and Noise (P-P)	50mV
Current adjustment	
Load adjustment (10-100%)	20mA
Ripple and Noise (P-P)	20mA
Others	
Operating Ambient	0°C to + 40°C , 30%RH - 90% RH
Dimension	245mm*255mm*160mm
Weight	About 5~12kg

2. FRONT PANEL & OPERATION



(Have 3 or 4 digits display, please refer to the actual product)

- (1) Power switch.
- (2) LED current display.
- (3) LED voltage display.
- (4) C. C constant current indicator.
- (5) C.V. constant voltage indicator.

Note: when the current passing through the load (calculated according to Ohm's law) is lower than the preset current value, CV light will be on, and the power supply will work in constant voltage mode. On the contrary, the CC light is on, and the power supply works in constant current mode, and the power supply through the load is limited to the preset current value.

- (6) Current coarse adjustment knob.
- (7) Current trimming knob.
- (8) Voltage coarse adjustment knob.
- (9) Voltage adjustment knob.
- (10) Output negative terminal.
- (11) Output positive terminal.
- (12) Ground terminal.

3. OPERATION

Voltage Setting:

Adjust voltage knob to get desired voltage.

Current Setting:

Turn current control knob CCW to get a small value of current, short cut output port, adjust current knob to get a desired value.

4. ACCESSORIES

Power Cord	1pc
User's Manual	1pc
Fuse	1pc (hide inside socket)

5. MAINTENANCE

1. If there is problem with the digital display and CV indicator does not light after power on the fuse probably was broken, or power cable is poor contact and other fault, Power off and disconnect the power cord, check whether the power cord and the socket is good contact, or whether the fuse is broken (change the fuse if necessary).
2. When working in Constant Voltage state, if output voltage lower than what was preset and CC indicator lights, in order to protect current, the instrument automatically turn to Constant Current state. You must check the load or increase the output current according to load.
3. When working in Constant Voltage state, if output current lower than what was preset and CV indicator lights, in order to protect open-circuit voltage, the instrument automatically turn to Constant Voltage state. You must check the load or increase the output voltage according to use status.
4. When the instrument is unstable in Constant Voltage state, Probably the AC input voltage is under 90% of the rated value. Please check whether the power supply voltage is within the rated. If the problem is not caused by the line voltage, contact your nearest dealer.