

Model: **CSI-1830D**
CSI-1840D

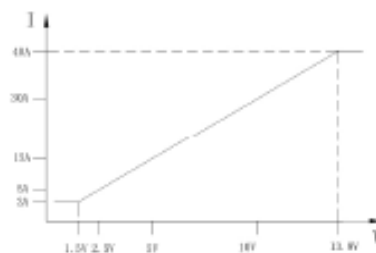
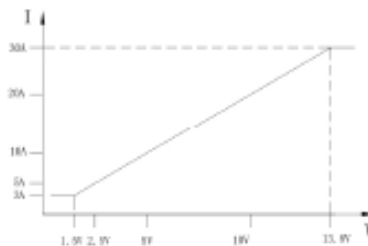
USER'S MANUAL

I. Summary:

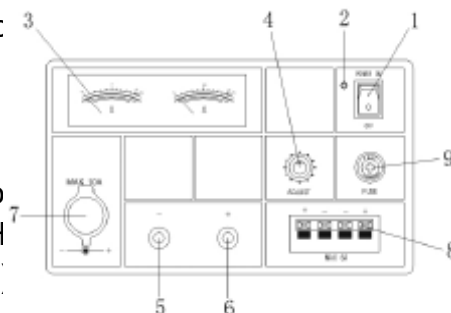
CSI-1830/D CSI-1840/D Series DC Power Supplies provide adjustable Voltage output from 1.5VDC to 15VDC. This series provides an Analog and LCD display to show output voltage & output current. Several Output connectors are provided to make use convenient & flexible

II. Technical Specs:

- 1 Input Voltage: 230V 50HZ±2HZ
2 Output Voltage: 1.5V-15V continuous
3 Current Output:
a. CSI-1830/D: 30A (max) , 20A (continuous)
b. CSI-1840/D: 40A (max) , 30A (continuous)
c. Current Output & Voltage output: See charts

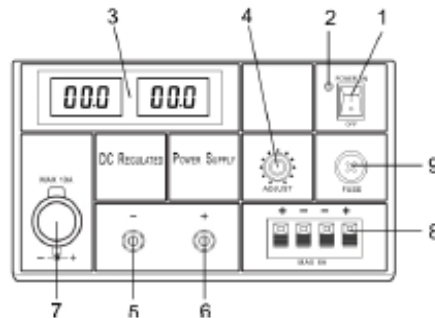


- 4 Load Regulation: $\leq 1\%$
- 5 Electric Wave: $\leq 10\text{mv}$
- 6 Protection: Current Limitation, Short Circ
7. Environmental:
 - a. Temperature: $0\text{ }^{\circ}\text{C}-40\text{ }^{\circ}\text{C}$
 - b. Humidity: $<\text{RH}80\%$
 - c. Atmospheric Pressure: $86\text{Kpa}-104\text{Kp}$
8. Size : $240\text{mm}\times 300\text{mm}\times 150\text{mm}(\text{L}\times\text{W}\times\text{H})$
 $240\text{mm}\times 350\text{mm}\times 150\text{mm}(\text{L}\times\text{W}\times\text{H})$
9. Weight: 8.9Kg



III. Panel Layout and Function Descriptions

1. Main Switch: ON(Turn On), OFF(Turn off)
2. Power Light; Lights when power is on.
3. Ammeter/Voltmeter: "V" shows voltage output, "A" shows current Output
4. Output voltage adjusting knob
5. Output Negative Terminal
6. Output Positive Terminal
7. Output socket for cigarette lighter style plug(< 10 Amps only)
8. Output Terminal Blocks: (< 3 Amps only)
9. Panel Mount Fuse



NOTICE:

This power Supply and others manufactured like it, can have up to a 2.5Amp LOAD attached to the power output terminals at the time the supply is switched. ON. If the user of the power supply wishes to control a LOAD greater than 2.5 Amps at the time of power up, then a separate switch is required for turning ON the Load after the power supply has been turned on. If your LOAD is equipped with a switch then that switch will be good enough for this operation.

For operating LOADs greater than 2.5Amps, the Power Supply Must be turned on FIRST, then the LOAD can be switched on. If the supply is turned on first (before the is turned on) then the User should not have any issue with this characteristic.