



Output DC Bench Power Supply With LED

APS-1335

User's Manual



Your new DC Regulated Power Source provides accurate stable DC power. It is ideal for test benches, laboratories, schools&repair facilities. The multi-turn voltage control knob helps the user accurately dial in a precise voltage. It is easy to read digital outputs (voltage& current) through a LED displays.

1. GENERAL DESCRIPTION

- Utilizes SMD technology
- Single/Dual Output Light and Compact
- Output Polarity: Positive and Negative
- LED Display shows Voltage and Current value
- Low Ripple Voltage Less Than 1mVP-P
- Overload Protection Circuit
- Applicable for School, Production Line, Laboratory and Maintenance

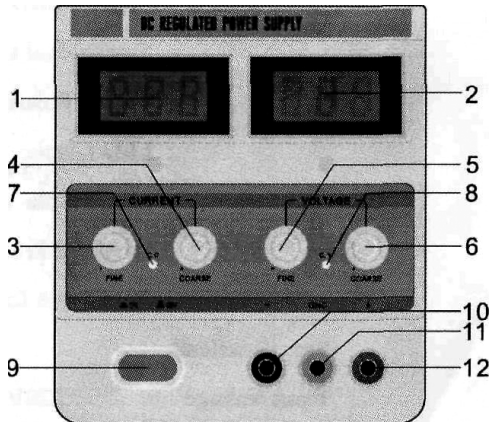
2. FEATURES

- SMD adhesive sheet element technology for internal PCB construction
- Two LEDS Display output current and voltage
- A cooling fan
- Multiloop high precision voltage regulation
- Progressive current regulation
- Dual terminal system Safety test style or expandable screw terminals
- Overload protection circuit
- Low ripple voltage: <1mVP-P
- Output polarity: positive or negative
- Rugged reinforced metal frame construction

3. SPECIFICATION

Voltage	0-30VDC
Current	0-5A
Display	100mV 10mA
Input Voltage	220 V AC +/- 10%
Voltage Regulation	$CV \leq 1 \times 10^{-4} + 3mV$ $CC \leq 2 \times 10^{-3} + 6mA$
Load Regulation	$CV \leq 2 \times 10^{-4} + 3mV$ $CC \leq 2 \times 10^{-4} + 6mA$
Ripple & Noise	$CV < 1mVrms$ $CC < 10mArms$
Protection	current Limiting
Voltage Indication Accuracy	1% +1d
Current Indication Accuracy	2% + 2d
Ambient Temperature	0 ~ +40 °C
Humidity	<90%
Dimensions(Dual)	135(w)×160(H)×280(D)
Weight	7kg
Accessories	Instruction Manual, Power cord, Test Leads

4. OPERATION



4.1 Front Panel Controls

- (1) Current Indication
- (2) Voltage Indication
- (3) Fine Adjustment Knob for Regulated Current and the current limit point setter at fine adjustment
- (4) Coarse Adjustment Knob for Regulated Current and the current limit point setter at coarse adjustment
- (5) Fine Adjustment Knob for Regulated Voltage Value
- (6) Coarse Adjustment Knob for Regulated Voltage Value
- (7) Stable Current Indicator
- (8) Stable Voltage Indicator
- (9) Power Switch ON/OFF
- (10) Negative terminal for output
- (11) The grounding line of the case
- (12) Positive terminal for output

The unit has 1 output display. The display has 2 readings. The left is Current and the right is Voltage. There is 1 output That is 0-30 Volts with 0-5A

This unit fan turns on when the temperature reaches 115 DegF or 50 Deg C It takes a standard 220VAC input only. And it is fuse protected.

5. ATTENTION:

- 5.1. The mains power must be switched off before servicing and servicing should be referred to a qualified person.
- 5.2. The unit should be stored in a dry and well ventilated place and the power cord should be removed from its power source for long periods of inactivity.

6 ACCESSORIES:

- Power cord one piece
- Instruction Manual one piece
- Negative Wiring one piece