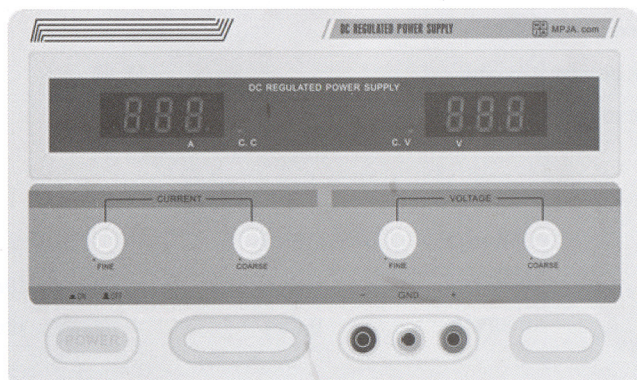




Output DC Bench Power Supplies With LED

9604PS.....0-30VDC/0-10A , Regulated Power Supply

9950PS.....0-30VDC/0-20A , Regulated Power Supply



General Description:

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. This product is expertly manufactured for MPJA company. It incorporates SMT PC boards & a cooling fan for reliable performance.

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

Specifications:

| | Voltage | Current | Display |
|--------|---------|---------|------------|
| 9604PS | 0-30VDC | 0-10A | 100mV 10mA |
| 9950PS | 0-30VDC | 0-20A | 100mV 10mA |

Source effect: $CV \leq 1 \times 10^{-4} + 3mV$ $CC \leq 2 \times 10^{-3} + 6mA$

Load effect: $CV \leq 5 \times 10^{-4} + 3mV$ $CC \leq 5 \times 10^{-4} + 6mA$

Ripple coefficient: <1.5mV

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

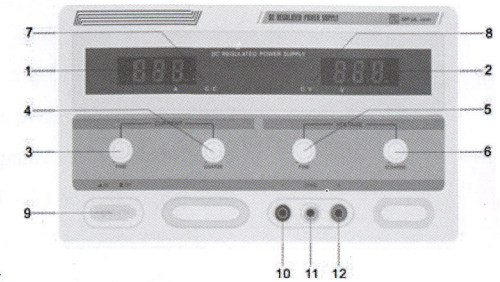
Specifications:

| | | |
|-----------------------------|--------------------------------------------|----------------------------------|
| Input Voltage | 110-127V AC +/- 10% | |
| Voltage Regulation | $CV \leq 1 \times 10^{-4} + 3mV$ | $CC \leq 2 \times 10^{-3} + 6mA$ |
| Load Regulation | $CV \leq 5 \times 10^{-4} + 3mV$ | $CC \leq 5 \times 10^{-4} + 6mA$ |
| Ripple & Noise | $CV < 1.5mVrms$ | $CC < 10mArms$ |
| Protection | current Limiting | |
| Voltage Indication Accuracy | 1%+1d | |
| Current Indication Accuracy | 1%+1d | |
| Ambient Temperature | 0 ~ +40°C | |
| Humidity | <90% | |
| Dimensions(Dual) | 265(w)×140 (H) ×360 (D) | |
| Weight | 9604PS:15kg | 9950PS:17kg |
| Accessories | Instruction Manual, Power cord, Test Leads | |

2. Operation

2.1 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 0-10A.

This unit fan turns on when the temperature reaches 115 DegF or 50 Deg C.

It takes a standard 110VAC input only. And it is fuse protected.

2. Attention:

2.1 The mains power must be switched off before servicing and servicing should be referred to a qualified person.

2.2 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.

3 Accessories:

- 3.1 Power cord----- one piece
- 3.2 Instruction Manual-----one piece
- 3.3 Negative Wiring-----one piece