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Triple Output DC Bench Power Supply With Large LCD

9333-PS.....0-30VDC @ 0-3Amp
0-30VDC @ 0-3Amp
5VDC @ 3A Regulated Power Supply



General Description:

Your new DC regulated power source provides accurate and stable DC power. It is ideal for test benches, laboratories, schools and repair facilities. The multi-turn voltage control knob helps the user accurately dial in a precise voltage. The large easy to read LCD accurately displays the voltage and current outputs. This product is expertly manufactured for MPJA, Inc. and incorporates SMT PC boards and a built in cooling fan for reliable performance and long life.

Features:

- *SMD adhesive sheet element technology for internal PCB construction
- *Attractive large yellow liquid crystal display for voltage and current
- *Built in cooling fan for long life
- *Multiloop high precision voltage regulation
- *Progressive current regulation
- *Dual terminal system. Safety test style or expandable screw terminals
- *Overload protection circuit
- *Low ripple voltage: <1mV P-P
- *Isolated floating Output
- *Metal frame construction

Specifications:

	Voltage	Current	Display
9333-PS	0-30VDC	0-3Amp	100mV 10mA
	0-30VDC	0-3Amp	100mV 10mA
	5VDC Fixed	3Amp	none

Source effect: $5 \times 10^{-4} = 2\text{mV}$

Load effect: $5 \times 10^{-4} = 2\text{mV}$

Ripple coefficient: < 250uV

Stepped current: 30mA +- 1mA

Specifications:

Input Voltage	110-127VAC $\pm 1V$	
Voltage Regulation	$CV \leq 5 \times 10^{-5} \text{ mV}$	$CV \leq 5 \times 10^{-5} \text{ mV}$
Load Regulation	$CV \leq 5 \times 10^{-5} \text{ mV}$	$CV \leq 5 \times 10^{-5} \text{ mV}$
Ripple and Noise	$CV < 0.5 \text{ mV rms}$	$CC < 2 \text{ mA rms}$
Protection	Current Limiting	
Voltage Indication Accuracy		LCD $\pm 1\% + 2\text{LSD}$
Current Indication Accuracy		LCD $\pm 2\% + 2\text{LSD}$
Ambient Temperature		0 to 40° C
Humidity		$< 90\%$
Dimensions	270 W X 180 H X 320 D	
Weight	12.5kg	
Accessory	Instruction manual, Power cord and Test leads	

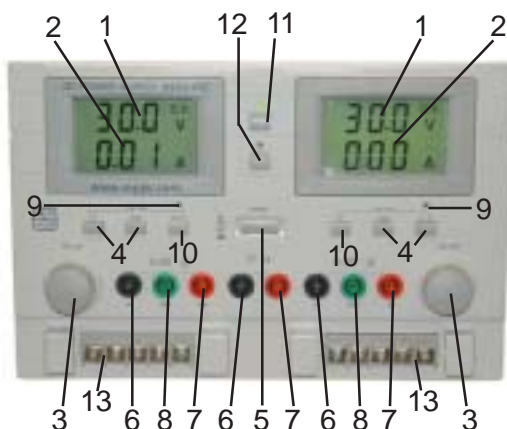


Operation:

- 1 Cooling fan
- 2 Fuse 3Amp 250VAC GMA
- 3 IEC power input socket

Operation:

- 1 Current Indication
- 2 Voltage Indication
- 3 10 turn voltage adjust knob
- 4 Up/Down current adjustment
- 5 Power On/Off
- 6 Negative output terminal
- 7 Positive output terminal
- 8 Ground connection
- 9 Constant Current Indicator
- 10 Constant Current switch
- 11 Parallel switch
- 12 Series switch
- 13 External power output connection



Operating Procedure:

For constant voltage mode make sure button #10 is depressed and the LED #9 is off. Control the voltage by rotating knob #3. To switch to constant current mode press button #10 and the LED #9 will illuminate, control the current by buttons #4. The two outputs can be paralleled (switch #11) or series (switch #12) for 0-60VDC @ 0-3Amp or 0-30VDC @ 0-6Amp output. This unit has a fan that turns on when the temperature reaches 140°F, for longest life do not block air flow through cooling vents.

Attention:

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

The unit should be stored in a dry and well ventilated place and the power cord removed for long periods.

Accessories:

- 1 Power cord
- 1 Instruction Manual
- 1 set of banana plug to alligator clips
- 1 set of hook up wires for external hook up.