



## SINGLE OUTPUT POWER SUPPLIES

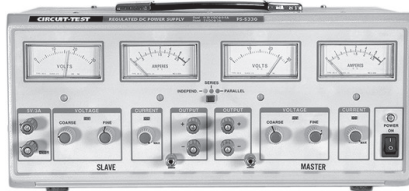
Single output CV/CC power supplies available with 0-30VDC @ 3A, 5A, or 10A or 0-60VDC @ 5A. Built-in current limiting with overload warning indicators. CSA approved. Two year warranty. **SPECIFICATIONS:** Load regulation:  $\pm 0.25\%$  + 3mV (1% to 100% of rated load). Line regulation:  $\pm 0.025\%$  + 2mV (10% input variation). Ripple and noise: 0.5mV RMS (to 10KHz). Power requirements: 120VAC, 60Hz.

### ANALOG DISPLAY

Cat. No.	Output Voltage	Output Current	Weight	Size (in.) L x W x H	Net Price
PS-1030	0-30 VDC	10 ADC	27.6 lbs	8-1/2 x 6-3/8 x 12-1/2	\$646.11
PS-3030	0-30 VDC	3 ADC	12 lbs	8-1/2 x 6-1/4 x 10-1/2	333.80
PS-5030	0-30 VDC	5 ADC	15.5 lbs	8-1/2 x 6-1/4 x 10-1/2	387.65
PS-5060	0-60 VDC	5 ADC	26.5 lbs	8-1/2 x 6-1/4 x 10-1/2	689.18

### DIGITAL DISPLAY

Cat. No.	Output Voltage	Output Current	Weight	Size (in.) L x W x H	Net Price
PS-3030D	0-30 VDC	3 ADC	12 lbs	8-1/2 x 6-1/4 x 10-1/2	\$409.18
PS-5030D	0-30 VDC	5 ADC	15.5 lbs	8-1/2 x 6-1/4 x 10-1/2	452.26



## TRIPLE OUTPUT POWER SUPPLIES

Triple output CV/CC power supplies available with 3 Amp or 5 Amp outputs. In INDEPENDENT mode, the power supply acts as two separate units (0-30 VDC and 0-30 VDC) in SERIES mode, it is effectively adding the two outputs together giving a maximum output of up to 60 VDC. In SERIES mode, it can output up to a maximum  $\pm 30$ VDC. When the unit is switched to PARALLEL mode, the power supply is capable of doubling its maximum output current. (i.e. PS-5330: 30V @ 10A max.) The third output is fixed at 5VDC @ 3A. Built-in current limiting with overload warning indicators. CSA approved. Two year warranty. **SPECIFICATIONS:** Load regulation:  $\pm 0.25\%$  + 3mV (1% to 100% of rated load). Line regulation:  $\pm 0.025\%$  + 2mV (10% input variation). Ripple and noise: 0.5mV RMS (to 10KHz). Power requirements: 120VAC, 60Hz.

Cat. No.	Output Voltage (VDC)	Output Current	Fixed Voltage @ 3A	Weight (lbs)	Size (in.) L x W x H	Net Price
PS-3330	0-30, 0-30	3,3 ADC	5 VDC	19.8	14-1/8 x 6 x 10-1/2	\$646.11
PS-5330	0-30, 0-30	5,5 ADC	5 VDC	29.2	14-1/8 x 6 x 10-1/2	753.80



## MULTI OUTPUT—BENCH POWER SUPPLY

The main supply is variable from 0-30VDC @ 2.5A with current limiting and dual LCD display. The secondary fixed outputs are 12VDC @ 500mA and 5VDC @ 500mA. CSA approved. Two year warranty. **SPECIFICATIONS:** Load regulation: 0.05% + 10mV. Line regulation: 0.05% + 10mV. Ripple and noise: 5mV RMS. Power requirements: 120VAC, 60Hz.

Cat. No.	Output Voltage	Output Current	Fixed Voltage @ 500mA	Weight (lbs)	Size (in.) L x W x H	Net Price
PSA-2530D	0-30 VDC	2.5 ADC	12, 5 VDC	6.2	6 x 5-3/4 x 7-7/8	\$279.95

## KITS



MX-905



MX-909

## EXPERIMENTER LAB KITS

Learn the basic principles of electricity and electronics through experiments and building electronic circuits. No soldering required: the use of spring clips to connect parts makes these kits fully reusable. Identify and learn what each electronic component is and what it does; furthermore understand how these parts can be put together to form functional electronic circuits. A complete list of projects can be found at e-sonic.com.

**MX-802** offers basic electronics theory utilizing electronic components such as the antenna, battery, capacitor, diode, lamp, resistor, switch, transformer, and transistor. Build a radio receiver, Morse code circuit, burglar alarm, and more.

**MX-905** has many of the projects found in the MX-802 and introduces concepts and projects in transistors, digital circuits, and LED's. Build a burglar alarm, timer, siren, and more.

**MX-906** has many of the projects found in the MX-905 and introduces concepts and projects in op amps, oscillators, radio, test and measurement, and TTL circuits. Build a strobe light, sound effect circuits, organ, timer, radio circuits, and more.

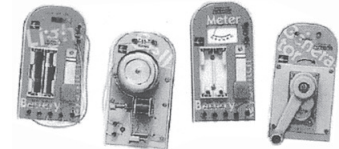
**MX-908** has many of the projects found in the MX-906 and introduces concepts in A/D and D/A, CMOS, counters, power amplifier circuits, and breadboards. Build a counter, tone burst generator, LED circuits, function generator, and more.

**MX-909** has many of the projects found in the MX-908 and introduces concepts in LCD, microprocessor hardware and software, and phototransistors. Build sound effect circuits, lighting effects, and metal detector; learn to program a microprocessor and much more.

Cat. No.	Description	Number of Projects	Net Price
MX-802	10 in one experimenter kit	10	\$24.72
MX-905	75 in one experimenter kit	75	48.65
MX-906	130 in one experimenter kit	130	53.80
MX-908	300 in one experimenter kit	300	96.86
MX-909	500 in one experimenter kit	500	279.95



MX-901F



MX-902

## RADIO KITS AND ACTION KITS

**MX-901** builds a crystal radio to receive your favourite AM stations. No batteries required and no soldering required. Fully illustrated manual with easy to follow instructions.

**MX-901F** helps you build your own FM radio. No soldering required, operates on a 9V battery. Fully illustrated manual with easy to follow instructions. Requires one 9V battery. Learn how FM radios work. Receives 99-108MHz. Earphone included.

**MX-902** is safe, solderless, exciting, educational and fun. Comes with easy to read illustrated operating manual. For ages 10 and up. Build your own operating light bell, motor and generator kits. Requires 2 x AA batteries.

Cat. No.	Description	Net Price
MX-901	Crystal AM radio kit	\$12.86
MX-901F	FM radio kit	15.02
MX-902	Action kit of 4 labs	39.80