## REGULATED POWER SUPPLIES

When in doubt of the amount of current being drawn by your electronic equipment, using a regulated power supply is the best course of action to avoid damage to your valuable equipment. These regulated supplies, however, will 'hold' very close to the rated voltage. For, example, a five volt **regulated** power supply, rated at 300mA will deliver five volts when used with a device drawing 10mA, 50mA or the full 300mA (A non-regulated 5-volt unit would vary from 9 to 4.8 volts.)

In short, non-regulated power supplies are good when used at or near their full current rating, and can vary widely in voltage. These regulated power supplies are going to be supplying a steady (regulated) voltage and will always be a better selection at a modestly higher cost.

We offer popular voltages that are most commonly needed for small electronic devices. Included with each power supply is a set of six adaptors that will permit easy connection to numerous popular consumer electronics devices. Polarity (+/-) may be easily reversed to match your devices. Different sizes of interchageble DC Plugs are available see below.

| Philmore Part No. | Voltage and maximum current rating |
|---|---|
| MW41-350A | 3 Volts DC @ 500mA |
| MW41-650A | 6 Volts DC @ 500mA |
| MW41-730A | 7.5 Volts DC @ 300mA |
| MW41-945A | 9 Volts DC @ 450mA |
| MW48-1250A | 12 Volts DC @ 500mA |



Plug sizes: 5.5 x 2.5mm, 5.5 x 2.1mm, 5.5 x 1.5mm, 5.0 x 2.1mm, 3.5 x 1.35mm, 3.5mm. (O.D. x I.D.)

### AC to AC Adaptor

For phone answering machine. An exact replacement for many name brands.
**2.1 x 5.5mm DC Plug**
**INPUT:**    120VAC
**OUTPUT:** 13.8VAC, 800mA



5.5x2.1mm

### No. BE260

### Nintendo® Power Adaptor Cord

The male connector on this adaptor mates with the power jack on Nintendo® games. The other end mates with the power plug found on numerous, miscellaneous power supplies; this makes replacing a power supply easy. **2.1mm x 5.5 DC Power Jack to 7mm x 1mm DC Power Plug.**



### No. 298

## AC to DC POWER SUPPLIES
## wall adaptor style

120 Volts AC, 60Hz, power input to various DC outputs for operating small circuits of any kind. Terminated with a 3.5mm plug, tip positive. User could remove plug and replace with his own when needed or use an adaptor. Cord is six foot. Output is clean, adequate for use with radios and other audio equipment as well as calculators, for charger's and an endless list of small devices.



3.5mm

| Part No. | DC volts | Maximum Current |
|---|---|---|
| MW310 | 3 | 100 mA |
| MW450 | 4.5 | 500 mA |
| MW630 | 6.0 | 300 mA |
| MW930 | 9.0 | 300 mA |
| MW950 | 9.0 | 500 mA |
| MW1230 | 12.0 | 300 mA |
| MW1250 | 12.0 | 500 mA |
| MW1280 | 12.0 | 800 mA |
| MW1830 | 18.0 | 300 mA |

### Universal Regulated Switching Power Supply
#### 1700mA Switchable Power Supply

This Hi-Tech products is ideal for all Electronic consumer products which require, DC voltages of 3, 4.5, 6, 7.5, 9, or 12V DC and current up to 1000mA. Use with such products like CD players, Radios, Cassette Recorders, Electronic games, mini TV, Palm Computer, Digital Cameras, and many other battery appliances.

**No. 48-1189** Multi - Voltage Power Supply

**Features**
    Constant Voltage
    Independent of load
Short Circuit Protection
Automatic Thermal Cut Off
Automatic Overload Cut Off
Folding AC Plug for Travel
6 Different Adaptor Plugs
Concealed Voltage selector
UL/CUL Listed



**Specifications:**
    Inputs: 100-140V AC @60Hz
    Output: 3, 4.5, 6.0, 7.5, 12V DC
    Current: 0-1700mA

Plug sizes: 3.5mm,  3.5 x 1.35mm, 5.5 x 1.5mm, 5.5 x 2.1mm, 5.5 x 2.5mm, 4.0 x 1.7mm, 4.75 x 1.75mm, 2.35 x 0.75mm (O.D. x I.D.)

### 6 in 1, DC Power Adaptor Set

Many AC power supplies shipped with electronic devices (e.g. calculators, radios etc.) are equipped with the same size coax power plug (2.1mm I.D. x 5.5mm O.D.). The cord in this set mates with that connector and the other end of the cord can accommodate six different size coax power plugs, which are included.

**PLUG SIZES:** 1.) **5.5x2.5mm** 2.) **5.5x2.1mm** 3.) **5.5x1.5mm** 4.) **5.0x2.1mm** 5.) **5.0x2.5mm** 6.) **3.5mm**



### No. 296