

# POWER SUPPLIES

## 4 Fully Regulated Power Supplies in One Unit

### Model XP-581



#### Features

- 4 DC voltages:
  - 3 Fixed: +5V @ 3A
  - +12V @ 1A
  - 12V @ 1A
  - 1 Variable: 2.5 - 20V @ 2A
- Fully regulated and short protected.
- Voltage and current meters.
- All metal case.
- Ideal for laboratory, service shops and hobbyists.
- Low cost and high value.

#### Specifications

Input voltage	120VAC 60Hz			
Current protection	2A fuse			
Output voltage	Fixed +5V	Fixed +12V	Fixed -12V	Variable 2.5 - 20V
Output current	3A	1A	1A	1A@20V 2A@15V 1.5A@5V
Load regulation	.1V	.1V	.1V	.1V
Line regulation	.1V	.1V	.1V	.1V
Ripple rms	.01V	.01V	.01V	.01V
Current protection	Foldback	Thermal	Thermal	Foldback
Dimensions	3 5/8" (H) x 10 3/8" (W) x 10 1/4" (D)			
Weight	7 lbs. 11.2 oz.			

The **XP-581** is our most popular power supply. It is ideally suited for laboratories, classrooms, and hobbyist use. It features 3 fixed DC voltages: +5V @ 3A, +12V @ 1A, -12V @ 1A and variable DC voltage: 2.5V - 20V @ 2A. Housed in a rugged steel case, it is the perfect combination of versatility and high value.

## High Current Variable Power Supply

### Model XP-800

The **XP-800** is a high current power supply with 3 variable outputs. Choose from either 0 - 120VAC @ 2A, 0 - 40VAC @ 7A or 0 - 28VDC @ up to 10A. The precision LED displays allow for exact readout of volts and current. The **XP-800** is ideal for Principles of Technology experiments in schools or it can be used as a bench power supply in OEM labs.



#### Specifications

<b>Input</b>	
Input voltage	120VAC
Current protection	5A fuse
<b>28VDC Supply</b>	
Output current	10A max.
Output voltage	28VDC max. for light loads 20VDC max. for 10A load
Ripple	Less than 0.2Vrms at 10A load
Current protection	10A circuit breaker
Meter	0 to 28VDC, 0.1V resolution 0 to 10A, 0.1A resolution
<b>40VAC Supply</b>	
Output current	7A max.
Output voltage	40VAC max. for light loads 38VAC max. for 5A load
Current protection	3A circuit breaker (on transformer primary)
Meter	0 to 40VAC, 0.1V resolution 0 to 7A, 0.1A resolution
<b>120VAC Supply</b>	
Output current	2A max.
Output voltage	120VAC max.
Current protection	3A circuit breaker
Meter	0 to 120VAC, 1V resolution 0 to 2A, 0.1A resolution
Dimensions	5 1/4" (H) x 12 3/4" (W) x 10" (D)
Weight	20 lbs. (5.44 kg.)

#### Features

- 3 Variable outputs.
- Precision LED readouts.
- Circuit breaker protection.
- Ideal for schools or OEM's.

Principles of Technology