

## 502-12 Power Supply

### Specifications

12 VDC power supply  
13.8 to 10.2 voltage range  
2 Amp continuous supply current  
Short circuit protection  
75mA internal current draw

### Primary Power Supply

120 VAC 60 Hz, 1.5 Amps unswitched  
DMP Model 321 16.5 VAC 40 VA plug-in transformer

### Secondary Power Supply

1.0 Amps maximum charge current  
Use DMP Model 367, 12 VDC battery  
Maximum 15.4 Amp hours  
Use DMP Model 318 Dual Battery Harness  
Replace batteries every 3 to 5 years  
Low battery cutoff at 10.2 VDC  
Includes battery leads

### LED Operation

Green **ON** = AC good  
Green **OFF** = AC fail  
Red **ON** = DC good  
Red **OFF** = DC fail

### Installation

1. Mount the Model 502-12 in desired location.
2. Connect transformer to terminals marked "AC Input" (J2).
3. Connect batteries to terminals marked "+ Bat - Input" (J3).  
(Battery leads included) **OBSERVE POLARITY**
4. Connect devices to terminals marked "+ DC - Output" (J5).

**Note:** Measure and verify output voltage and current to ensure proper operation of connected equipment.

