

## 7-Amp DC Power Supply, 13.8VDC, Precision Regulated AC-to-DC Conversion, TAA/GSA

MODEL NUMBER: PR7



### Highlights

- Smaller footprint maximizes operating space
- Automatic time-controlled overcurrent protection in case of overload
- Solid state, integrated circuit maintains excellent regulation of output voltage
- Regulated output voltage maintains up to 95% of no load value

### Not for sale in the USA.

Provide precise DC power from an AC source with this compact and lightweight DC power supply. The PR7 efficiently converts 120 volts AC into 13.8 volts DC. Its high power density makes it perfect for a wide range of applications, like home use of single-sideband CB radios, quality control equipment, low power VHF/UHF ham radios, point-of-sale displays, and aquariums.

### Description

Precision-regulated DC power supplies are ideal for commercial/land-mobile, ham and CB radios, test bench supplies, base stations, tape players and amplifiers. Designed for years of reliable service and superior performance, they efficiently convert 120 volts AC into 13.8 volts DC (+/-0.5V). The Trim Line Series of DC power supplies offers a low-profile design with a footprint that matches the most popular radios on the market, such as Motorola, Radius, GE Monogram Series and EF Johnson models.

### Features

- Smaller footprint maximizes operating space
- Automatic time-controlled overcurrent protection in case of overload
- Solid state, integrated circuit maintains excellent regulation of output voltage
- Regulated output voltage maintains up to 95% of no load value
- High quality filtering creates very low ripple/low noise operation
- Heavy-duty power transformer provides complete isolation from noise on incoming AC power
- Large heat sinks and vented cabinets supply cool operation for continuous use and long life of the unit
- Illuminated on/off switch
- Connectors: Hardwire terminals / Red positive (+), Black negative (-)
- Working Temperature Range: 0° C to 40° C (32° F to 104° F), 0 to 95% humidity, non-condensing
- Storage Temperature Range: -15° C to 50° C (5° F to 122° F)
- LED Indicators: Red LED indicates that DC output is being provided

## Specifications



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|  |  |
|--|--|
| UPC Code                                     | 037332060099   |
| <b>INPUT</b>                                 |  |
| Nominal Input Voltage(s) Supported           | 120V AC  |
| Input Circuit Breakers                       | 1x Inline Fuse   |
| Recommended Electrical Service               | 120V 15A Branch Circuit  |
| Input Frequency                              | 60 Hz  |
| Input Plug Type                              | NEMA 5-15P   |
| Input Cord Length (ft.)                      | 6  |
| Input Cord Length (m)                        | 1.83   |
| Input Current                                | 2  |
| <b>OUTPUT</b>                                |  |
| Output Capacity Details                      | 7A Intermittent Communication System (ICS); 5A Continuous Duty Amps  |
| Frequency Compatibility                      | 60 Hz  |
| Output Nominal Voltage                       | 13.8V (+/- 0.5VDC)   |
| Output Voltage Regulation                    | 0.15V Max Ripple Voltage   |
| Intermittent (Peak) Amps                     | 7  |
| Output Connector Type                        | Binding post support ring and U connectors, banana plug, or bare wire.                                     |
| <b>USER INTERFACE, ALERTS &amp; CONTROLS</b> |  |
| Switches                                     | Lighted (Red) ON/OFF Rocker Switch - Illuminates Red when in ON position indicating DC output is available |
| <b>PHYSICAL</b>                              |  |
| Shipping Dimensions (hwd / in.)              | 4.33 x 6.49 x 9.65   |
| Shipping Dimensions (hwd / cm)               | 11.00 x 16.50 x 24.53  |
| Shipping Weight (lbs.)                       | 6.61   |
| Shipping Weight (kg)                         | 3.00   |
| Unit Dimensions (hwd / in.)                  | 3.720 x 6.220 x 7.670  |
| Unit Dimensions (hwd / cm)                   | 9.53 x 16.51 x 19.05   |
| Unit Weight (lbs.)                           | 6.415  |
| Unit Weight (kg)                             | 2.91   |
| <b>ENVIRONMENTAL</b>                         |  |
| Operating Temperature Range                  | 32° to 104°F (0° to 40°C)  |
| Storage Temperature Range                    | 5° to 122°F (-15° to 50°C)   |
| Operating Humidity Range                     | 0 to 95% humidity, non-condensing  |



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| STANDARDS & COMPLIANCE              |                                  |
|-------------------------------------|----------------------------------|
| Product Compliance                  | RoHS; Trade Agreements Act (TAA) |
| WARRANTY & SUPPORT                  |                                  |
| Product Warranty Period (Worldwide) | 1-year limited warranty          |

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