

## TAA-Compliant 50-Amp DC Power Supply, 13.8VDC, Precision Regulated AC-to-DC Conversion

MODEL NUMBER: PR50



### Highlights

- Smaller footprint maximizes operating space
- Crowbar overvoltage protection prevents damage to connected equipment due to overvoltages
- Automatic time-controlled overcurrent protection in case of overload
- Solid state, integrated circuit maintains excellent regulation of output voltage
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Provide precise DC power from an AC power source with this space-saving DC power supply. The PR50 efficiently converts 120 volts AC into 13.8 volts DC. It has a high power density that makes it perfect for a range of applications, like 225 watt transmitters, VHF/UHF ham radios, low power linear amplifiers, test bench equipment, commercial/land-mobile radios, and point-of-sale displays.

### 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. Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

### Features

- Smaller footprint maximizes operating space
- Crowbar overvoltage protection prevents damage to connected equipment due to overvoltages
- Current-limiting electronic foldback enables time-controlled automatic 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
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

## Specifications

OVERVIEW	
UPC Code	037332060181
OUTPUT	
Intermittent (Peak) Amps	50
PHYSICAL	
Shipping Dimensions (hwd / cm)	29.21 x 18.80 x 39.88
Shipping Dimensions (hwd / in.)	11.50 x 7.40 x 15.70
Shipping Weight (kg)	14.15
Shipping Weight (lbs.)	31.20
Unit Dimensions (hwd / cm)	17.15 x 26.67 x 29.21
Unit Dimensions (hwd / in.)	6.75 x 10.5 x 11.5
Unit Weight (kg)	13.61
Unit Weight (lbs.)	30
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

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