

TAA-Compliant 20-Amp DC Power Supply, 13.8VDC, Precision Regulated AC-to-DC Conversion

MODEL NUMBER: PR20



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)

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



- LED Indicators: Red LED indicates that DC output is being provided
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Specifications

| MODEL TEXT | |
|-------------------------------------|--|
| Key Benefit | Provide precise DC power from an AC source with this lightweight and space-saving DC Power Supply. The PR20 efficiently converts 120 volts AC into 13.8 volts DC. Its high power density makes it perfect for a wide range of applications, like 60 watt transmitters, VHF/UHF ham radios, commercial/land-mobile radios, test bench equipment, low power linear amplifiers, and point-of-sale displays. |
| OUTPUT | |
| Intermittent (Peak) Amps | 20 |
| PHYSICAL | |
| Unit Dimensions (hwd / in.) | 4.5 x 6 x 10 |
| Unit Dimensions (hwd / cm) | 11.43 x 15.24 x 25.4 |
| Unit Weight (lbs.) | 15 |
| Unit Weight (kg) | 6.80 |
| WARRANTY | |
| Product Warranty Period (Worldwide) | 1-year limited warranty |

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