

TAA-Compliant 40-Amp DC Power Supply, 13.8VDC, Precision Regulated AC-to-DC Conversion

MODEL NUMBER: **PR40**



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 source with this space-saving power supply. The PR40 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 150/200 watt transmitters, aquariums, VHF/UHF ham radios, commercial/land-mobile radios, point-of-sale displays, low power linear amplifiers, and test bench equipment.

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 PR 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



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Specifications

OVERVIEW	
UPC Code	037332060075
INPUT	
Nominal Input Voltage(s) Supported	120V AC
Input Circuit Breakers	1x 10A inline fuse
Recommended Electrical Service	120V 15A
Input Frequency	60 Hz
Input Plug Type	NEMA 5-15P
Input Cord Length (ft.)	6
Input Cord Length (m)	1.83
Input Current	7.5A
OUTPUT	
Output Capacity Details	40A Peak Intermittent Communication Service (ICS) 32A Continuous Duty Amps
Frequency Compatibility	60 Hz
Output Nominal Voltage	13.8V (+/- 0.5VDC)
Output Voltage Regulation	0.15V Max Ripple Voltage
Overload Protection	Yes
Intermittent (Peak) Amps	40
Output Connector Type	1/4" DC Terminal Posts support Ring and U Style connectors or bare wire.
Output Voltage (VDC)	13.8VDC (+/- 0.5VDC)
USER INTERFACE, ALERTS & CONTROLS	
Switches	Lighted (Red) ON/OFF Rocker Switch - Illuminates Red when in ON position indicating DC output is available
PHYSICAL	
Shipping Dimensions (hwd / in.)	7.48 x 11.41 x 15.94
Shipping Dimensions (hwd / cm)	19.00 x 29.00 x 40.50
Shipping Weight (lbs.)	27.33
Shipping Weight (kg)	12.40
Unit Dimensions (hwd / in.)	6.640 x 10.430 x 11.820
Unit Dimensions (hwd / cm)	16.866 x 26.492 x 30.022
Unit Weight (lbs.)	26.455
Unit Weight (kg)	12.00



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

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