

TAA-Compliant 60-Amp DC Power Supply, 13.8VDC, Precision Regulated AC-to-DC Conversion

MODEL NUMBER: **PR60**



Provide precise DC power from an AC power source with this space-saving, low-profile DC power supply. The PR60 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 VHF/UHF ham radios, 250/300 watt transmitters, commercial/land-mobile radios, aquariums, multi-piece equipment installations, microwave radio applications, test bench equipment, 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 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 Cobra, Motorola Radius, GE Monogram Series, Kenwood 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

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



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Specifications

OVERVIEW	
UPC Code	037332060082
INPUT	
Nominal Input Voltage(s) Supported	120V AC
Input Circuit Breakers	1x 15A 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	10.5A
OUTPUT	
Output Capacity Details	60A Intermittent Communication System (ICS); 48A 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	60
Output Connector Type	1/4" DC Terminal Posts support Ring and U Style connectors or bare wire.
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 11.61 x 15.94
Shipping Dimensions (hwd / cm)	19.00 x 29.50 x 40.50
Shipping Weight (lbs.)	35.10
Shipping Weight (kg)	15.92
Unit Dimensions (hwd / in.)	6.640 x 10.430 x 11.820
Unit Dimensions (hwd / cm)	16.87 x 26.49 x 30.02
Unit Weight (lbs.)	33.07
Unit Weight (kg)	15.00
ENVIRONMENTAL	



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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

1000 Eaton Boulevard
Cleveland, OH 44122
United States
<https://tripplite.eaton.com>

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