600W PowerVerter Ultra-Compact Inverter - Portable Power for All Applications

MODEL NUMBER: **PV600**

Description

Harness your vehicle's battery to efficiently power appliances, small electronics and office equipment on the road. Continuously supplies up to 600 watts of 120V AC power to 3 AC outlets from any 12V battery. Ultra-compact, lightweight metal case design is among the smallest, most rugged inverters available.

Features

- Provides 120V AC power for a variety of mobile applications
- 600 watts continuous output power and 1200 watts peak output power (instantaneous)
- 3 AC outlets
- Ultra-compact, extruded aluminum casing stands up to the toughest environments
- Cooling fan lengthens inverter service life
- Integrated mounting feet provide safe, fixed installation
- Low battery alarm/shutdown detects low voltage and shuts down inverter
- Overload alarm/shutdown detects wattage overload on inverter outlets and shuts down inverter as a protective measure
- DC input terminals assure solid connection to battery with user-supplied cables
- Lighted on/off switch shows inverter operations in cramped or dark environments

Highlights

- 600 watt continuous output; 1200 watt peak output (instantaneous)
- Converts 12V DC (battery) power into 110-120V AC (household) power; 3 AC outlets
- Installs in minutes (includes integrated mounting feet)
- Provides a quiet alternative to generator noise and fumes
- Includes "battery saver" low voltage alarm/shutdown

Package Includes

- PV600 Ultra-Compact DC-to-AC Inverter
- Instruction manual

Specifications

OVERVIEW	
UPC Code	037332119889
INPUT	
Maximum Input Amps / Watts	Full continuous load - 64A at 12V DC, No load - 0.95A at 12V DC, Shutdown - 150 microamps
Recommended Electrical Service	Requires 12V DC input source capable of delivering 64A for the required duration (when used at full capacity). For automotive applications, professional hardwire installation with 80A battery system fusing is recommended.
Input Connection Type	Set of 2 DC bolt-down wiring terminals
Input Cord Length Details	User supplies cabling. Minimum gauges for full load operation: 8 (6 ft max), Two 10 (8 ft max), 6 (10 ft max), 4 (15 ft max).
Voltage Compatibility (VDC)	12
OUTPUT	
Frequency Compatibility	60 Hz
Output (Watts)	600W (continuous)/1200W (peak)
Output Nominal Voltage	120V
Output Voltage Regulation	Maintains PWM sine wave output voltage of 115 V AC (+/- 8 V AC)
Output Frequency Regulation	60 Hz (+/- 3 Hz)

Overload Protection	Via set of 2 40A automotive input fuses
BATTERY	
DC System Voltage (VDC)	12
USER INTERFACE, ALERTS & CONTROLS	
Switches	Lighted on/off power switch
Audible Alarm	Dual function alarm indicates overload conditions or low DC input voltage of 10.5V or less.
PHYSICAL	
Material of Construction	Aluminum, Steel
Cooling Method	Fan
Shipping Dimensions (hwd / in.)	4.00 x 6.50 x 10.25
Shipping Dimensions (hwd / cm)	10.16 x 16.51 x 26.04
Shipping Weight (lbs.)	3.00
Shipping Weight (kg)	1.36
Unit Dimensions (hwd / in.)	2.750 x 5.000 x 8.250
Unit Dimensions (hwd / cm)	7 x 12.7 x 21
Unit Weight (lbs.)	2.5
Unit Weight (kg)	1.13
ENVIRONMENTAL	
Relative Humidity	0-95% non-condensing
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	1-year limited warranty

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