

PowerVerter® Plus 750W Industrial-Strength Inverter with 2 Outlets

MODEL NUMBER: PV750FC



Highlights

- 12V DC input; 120V AC output; 2 outlets
- 750 watts continuous output
- Peak surge output: OverPower (up to 1 hour) - 1125 watts, Double-Boost (up to 10 seconds) - 1500 watts
- High efficiency power conversion
- Automatic overload protection

Package Includes

- PV750FC inverter
- Instruction manual

Description

Harness your vehicle's battery to efficiently power office equipment on the road or power tools at a work site. Continuously supplies up to 750 watts of 120V AC power to 2 AC outlets from any 12V battery or automotive DC source. Supplies up to 1500 watts of peak surge power, providing the startup power needed for power tools and equipment. Frequency control locks AC output at 60Hz for operating stability of motor loads. Includes a set of high current DC input terminals for simple, permanent installation. Highly reliable large transformer design specializes in powering motors and other inductive loads with high-current startup needs.

PowerVerter Plus Inverters accommodate "peak surge" demands by delivering more output power than their continuous rating. Compare the "Continuous" and "Peak Surge" wattage ratings, and you'll find PowerVerter Plus Inverters supply up to double their output to easily handle equipment start up and motor cycling requirements. The DoubleBoost feature provides up to 200% of the continuous output for up to 10 seconds, providing the extra power needed to cold start heavy-duty tools and equipment. The OverPower feature delivers up to 150% of the continuous output for up to 1 hour.

NOTE: To protect against high current draw that may occur during inverter failure, a fuse link rated at 125a should be positioned no more than 18" from the PV750FC's battery in the positive line.

Features

- Allows users to run large, motorized AC appliances from any 12V battery or automotive DC system
- Converts 12V DC battery power to 120V AC power
- 750 watts continuous output power
- Peak surge output: OverPower (up to 1 hour) - 1125 watts, Double-Boost (up to 10 seconds) - 1500 watts
- 2 outlets; DC input terminals for 12V battery connection
- Frequency control for operating stability
- High-efficiency operation conserves batteries to prolong run time
- Diagnostic LEDs indicate load level (high, medium, and low) and battery charge (high, medium, and

low)

- DC fusing protects inverter against overload
- RJ45 port allows connection of APS/PowerVerter Remote Switch (model APSRM4)

Specifications

OVERVIEW	
UPC Code	037332124258
INPUT	
Maximum Input Amps / Watts	Full continuous load - 72A at 12V DC, No load - 2.2A at 12V DC
Recommended Electrical Service	Requires 12V DC input source capable of delivering 72A for the required duration (when used at full capacity). For automotive applications, professional hardwire installation with 200A battery system fusing is recommended.
Input Connection Type	Set of 2 DC input terminals
Input Cord Length Details	User supplies cabling. 4 gauge or larger recommended.
Voltage Compatibility (VDC)	12
OUTPUT	
Frequency Compatibility	60 Hz
Continuous Output Capacity (Watts)	750
Peak Output Capacity (Watts)	1500
Output Nominal Voltage	120V
Output Voltage Regulation	Maintains PWM sine wave output voltage of 120 V AC (+/-5%)
Output Frequency Regulation	60 Hz (+/- 0.3 Hz)
Overload Protection	8A
BATTERY	
DC System Voltage (VDC)	12
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LEDs	Set of 6 LEDs offer continuous status information on load percentage (6 levels reported) and battery charge level (7 levels reported). See manual for sequences.
Switches	3 position on/off/remote switch enables simple on/off power control plus "remote" setting that enables distant on/off control of the inverter system when used in conjunction with optional APSRM4 ; accessory
PHYSICAL	
Material of Construction	Polycarbonate
Cooling Method	Variable-speed fan
Form Factors Supported	Mounting slots enable permanent placement of inverter on any horizontal surface (see manual for additional mounting information)



Powering Business Worldwide



Receptacle Color	Black
Shipping Dimensions (hwd / in.)	12.50 x 11.00 x 10.75
Shipping Dimensions (hwd / cm)	31.75 x 27.94 x 27.30
Shipping Weight (lbs.)	18.00
Shipping Weight (kg)	8.16
Unit Dimensions (hwd / in.)	7.000 x 8.750 x 9.000
Unit Dimensions (hwd / cm)	17.78 x 22.23 x 22.86
Unit Weight (lbs.)	16
Unit Weight (kg)	7.26
ENVIRONMENTAL	
Relative Humidity	0-95% non-condensing
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	1-year limited warranty

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