



Model #: PV750FC

PowerVerter Plus Inverter - Industrial-Strength Power for Heavy-Duty Applications



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

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.

Applications

- Ideal for power tools, pumps, fans, desktop computer systems, laptops, portable electronics, battery chargers for cell phones, pagers, notepads and games, full size TV-VCR & stereo systems, camcorders, lighting and other AC applications under 750 watts continuous/1500 watts peak.

Package Includes

- PV750FC inverter
- Instruction manual

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

SYSTEM OVERVIEW	
Voltage compatibility	Compatible with 12V DC automotive or battery power sources
OUTPUT	
Frequency compatibility	60 Hz
Output watts	750
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
Outlet quantity / type	2 AC outlets
INPUT	
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.
Maximum input amps / watts	Full continuous load - 72A at 12V DC, No load - 2.2A at 12V DC
Input connection type	Set of 2 DC input terminals
Input cord length details	User supplies cabling. 4 gauge or larger recommended.
BATTERY	
DC system voltage (VDC)	12
LEDS ALARMS & SWITCHES	
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
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.
PHYSICAL	
Shipping weight (lbs)	18
Shipping weight (kg)	8.2
Cooling method	Variable-speed fan
Unit Dimensions (HWD/in)	7 x 8.75 x 9

Unit Dimensions (HWD/cm)	17.78 x 22.23 x 22.86
Shipping Dimensions (HWD/in)	12.5 x 11 x 10.75
Shipping Dimensions (HWD/cm)	31.75 x 27.94 x 27.31
Unit weight (lbs)	16
Unit weight (kg)	7.3
Material of construction	Polycarbonate
Receptacle Color	BLACK
Style	Heavy-duty
Form factors supported	Mounting slots enable permanent placement of inverter on any horizontal surface (see manual for additional mounting information)
ENVIRONMENTAL	
Relative Humidity	0-95% non-condensing
SPECIAL FEATURES	
Appearance	Black color
Remote control capability	Yes
CERTIFICATIONS	
Certifications	Complies with RoHS (Restriction of Hazardous Substances Directive)
WARRANTY	
Product Warranty Period (U.S., Canada & Puerto Rico)	1 year (Outside the U.S. and Canada, call for warranty information)

Provided by: Mega Hertz 800-883-8839 info@go2mhz.com www.go2mhz.com