1250W PowerVerter Plus Industrial-Strength Inverter with 2 Outlets

MODEL NUMBER: **PV1250FC**



Highlights

- 12V DC input; 120V AC output; 2 outlet
- 1250 watts continuous output
- Peak surge output: OverPower (up to 1 hour) - 1875 watts, Double-Boost (up to 10 seconds) - 2500 watts
- High efficiency power conversion
- Automatic overload protection

Package Includes

- PV1250FC inverter
- Instruction manual

Description

Utilize you vehicle's battery to efficiently power work site power tools, pumps, as well as your laptop computer. Continuously supplies 1250 watts of 120VAC power to (2) AC outlets from any 12VDC battery source. Frequency control locks AC output at 60Hz for operating stability of motor loads and other inductive loads with high current startup requirements.
NOTE: To protect against high current draw that may occur during inverter failure, a fuse link rated at 200a should be positioned no more than 18" from the PV1250FC'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
- 1,250 watts continuous output power
- Peak output power: OverPower (up to 1 hour) - 1875 watts, Double-Boost (up to 10 seconds) - 2500 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 (APSRM4)
- Automatic overload shutdown
- Ignition interlock jack

Specifications

OVERVIEW	
UPC Code	037332124241

INPUT	
Maximum Input Amps / Watts	Full continuous load - 127A at 12V DC, No load - 2.2A at 12V DC
Recommended Electrical Service	Requires 12V DC input source capable of delivering 127A 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
Pure Sine Wave Output	No
Output (Watts)	1250
Nominal Output Voltage(s) Supported	120V
Output Receptacles	(2) 5-15R
Continuous Output Capacity (Watts)	1250
Peak Output Capacity (Watts)	2500
Output Voltage Regulation	Maintains PWM sine wave output voltage of 120 VAC (+/-5%)
Output Frequency Regulation	60 Hz (+/- 0.3 Hz)
Overload Protection	Circuit breaker
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 APRM4 remote
PHYSICAL	
Material of Construction	Polycarbonate
Cooling Method	Fan
Form Factors Supported	Mounting slots enable permanent placement of inverter on any horizontal surface (see manual for additional mounting information)
Shipping Dimensions (hwd / in.)	12.50 x 10.40 x 10.40
Shipping Dimensions (hwd / cm)	31.75 x 26.42 x 26.42
Shipping Weight (lbs.)	22.50
Shipping Weight (kg)	10.21
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.)	23.2
Unit Weight (kg)	10.52
ENVIRONMENTAL	
Relative Humidity	0-95% non-condensing
STANDARDS & COMPLIANCE	
Product Compliance	RoHS
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	1-year limited warranty

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