1800W PowerVerter Automotive/Truck Inverter with 4 Outlets

MODEL NUMBER: **PV1800HF**



Highlights

- 12V DC input; 120V AC output; 4 outlets
- 1800 watts continuous output
- 3600 watts peak output (instantaneous)
- Powers an entire mobile office

Package Includes

- PV1800HF Inverter
- Warranty information
- Instruction manual

Description

Utilize your vehicle's battery to efficiently power office equipment on the road or power tools at a work site. Continuously supplies up to 1800 watts of 120V AC power to 4 AC outlets from any 12V battery or automotive DC source. Includes a set of nut-and-bolt style DC terminals for simple installation. Compact, lightweight metal case design is among the smallest, most rugged inverters available at this power level. NOTE: To protect against high current draw that may occur during inverter failure, a fuse link rated at 250a should be positioned no more than 18" from the PV1800HF's battery in the positive line.

Features

- Allows users to run AC appliances from a properly sized 12V battery or automotive DC system
- Converts 12V DC battery power to 120V AC power
- 1800 watts continuous output power; 3600 watts peak output power (instantaneous)
- 4 outlets
- Compact, lightweight design with grooved surface for efficient cooling, all-metal housing
- Diagnostic LEDs indicates low battery voltage level and load level
- Low battery alarm with auto-shutoff prevents deep battery discharge
- High-efficiency operation conserves batteries to prolong run time
- Cooling fan regulates internal temperature and prolongs unit service life

Specifications

OVERVIEW	
UPC Code	037332050069
INPUT	
Maximum Input Amps / Watts	Full continuous load - 200A at 12VDC, No load - 2.7A at 12VDC, Shutdown

Recommended Electrical Service	Requires 12VDC input source capable of delivering 200A for the required duration (when used at full capacity). For automotive applications, professional hardwire installation with 250A battery system fusing is recommended.
Input Connection Type	Set of 2 DC bolt-down wiring terminals. User supplies cabling; minimum gauges for full load operation: 0 (16 ft max), 00 or 2/0 (20 ft max)
Voltage Compatibility (VDC)	12
OUTPUT	
Frequency Compatibility	60 Hz
Pure Sine Wave Output	No
Output (Watts)	1800
Nominal Output Voltage(s) Supported	120V
Output Receptacles	(4) 5-15R
Continuous Output Capacity (Watts)	1800
Peak Output Capacity (Watts)	3600
Output Voltage Regulation	Maintains PWM sine wave output voltage of 115 VAC (+/- 8 VAC)
Output Frequency Regulation	60 Hz (+/- 3 Hz)
Overload Protection	Automatic overload protection shuts down inverter system in the event of overloads.
BATTERY	
DC System Voltage (VDC)	12
USER INTERFACE, ALERTS & CONTROLS	
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
Form Factors Supported	Mounting slots enable permanent placement of inverter on any horizontal surface (see manual for additional mounting information)
Shipping Dimensions (hwd / in.)	4.50 x 16.80 x 6.60
Shipping Dimensions (hwd / cm)	11.43 x 42.67 x 16.76
Shipping Weight (lbs.)	9.40
Shipping Weight (kg)	4.26
Unit Dimensions (hwd / in.)	4.000 x 6.000 x 15.000
Unit Dimensions (hwd / cm)	10.16 x 15.24 x 38.1
Unit Weight (lbs.)	7.25
Unit Weight (kg)	3.29
ENVIRONMENTAL	

Relative Humidity	0-95% non-condensing
FEATURES & SPECIFICATIONS	
Grounding	Grounding lug grounds the inverter to vehicle or earth ground; user supplies cabling
STANDARDS & COMPLIANCE	
Product Compliance	RoHS
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	1-year limited warranty

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