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Model #: PV1000HF

PowerVerter Ultra-Compact Inverter - Portable Power for All Applications

Highlights

- 12V DC input; 120V AC output; 4 outlets
- 1000 watts continuous output
- 2000 watts peak output (instantaneous)
- Powers an entire mobile office or kitchen



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 1000 watts of 120V AC power to 3 AC outlets from any 12V battery. Includes a set of DC terminals for simple installation. Compact, lightweight metal case design is among the smallest, most rugged inverters available at this power level.

Applications

Ideal for TVs, DVD players, small microwaves, power tools, small coffeemakers, game systems, desktop computers, laptops, portable electronics, lighting and other AC applications under 1000 watts.

Package Includes

- PV1000HF Inverter
- Warranty information
- Instruction manual

Features

- Allows users to run AC appliances from any properly-sized 12V battery or automotive DC system
- Converts 12V DC battery power to 120V AC power
- 1000 watts continuous output power; 2000 watts peak output power (instantaneous)
- 4 outlets
- Compact, lightweight design with all-metal housing
- Remote control jack provides optional remote monitoring and control when used with optional remote module (APSRM4, sold separately)
- Low battery alarm with auto-shutoff prevents deep battery discharge
- High-efficiency operation conserves batteries to prolong run time
- Battery charge level LEDs indicate the approximate charge level (high/medium/low) of connected batteries
- Connected load level LEDs indicate the approximate wattage load level (high/medium/low) of connected equipment
- Operating mode switch controls inverter operation
- Battery Charge Conservation Dial conserves battery power by setting the load-level at which the inverter automatically shuts off
- Cooling fan regulates internal temperature and prolongs service life
- Mounting flanges provide safe, fixed installation
- Grounding lug connects to vehicle ground
- Grooved cooling surface provides additional surface area for more efficient cooling

Specifications

SYSTEM OVERVIEW	
Voltage compatibility	Compatible with 12VDC automotive or battery power sources
Frequency compatibility	60 Hz
OUTPUT	
Output watts	1000 watts continuous, supports instantaneous peak output up to 1300 watts
Output nominal voltage	120V nominal
Output voltage regulation	Maintains PWM sine wave output voltage of 115 VAC (+/- 10% VAC)
Output frequency regulation	60 Hz (+/- 5% Hz)
Outlet quantity / type	Includes 3 NEMA 5-15R output receptacles
Overload protection	Automatic overload protection shuts down inverter system in the event of overloads. Inverter and electrical system are further protected via four internal 40A automotive fuses
INPUT	
Input connection type	Set of 2 DC bolt-down wiring terminals
Input cord length	User supplies cabling. Minimum gauges for full load operation: 4 (12 ft max), 2 (20 ft max), 0 (31 ft max).
Recommended electrical service	Requires 12V DC input source capable of delivering 100A for the required duration (when used at full capacity). For automotive applications, professional hardwire installation with 175A battery system fusing is recommended.
Maximum input amps / watts	Full continuous load - 100A at 12V DC, No load - 1.5A at 12V DC, Shutdown / load sense mode - 100 micro amps
BATTERY	
DC system voltage	DC input operating range 10-15VDC. Alarm sounds as voltage drops to 10.5V. Auto-shutdown occurs at 10V.
LEDS ALARMS & SWITCHES	
Front panel LEDs	Set of 6 LEDs offer continuous status information on battery and connected load conditions
Alarms	Dual function alarm indicates overload conditions or low DC input voltage of 10.5V or less
Switches	3 position rocker switch enables on/off power control, plus "remote" setting which enables inverter to be remotely powered on or off when used in conjunction with APSRM4 Remote Control Module (sold separately)
PHYSICAL	
Shipping weight (lbs)	5.6
Shipping weight (kg)	2.5
Shipping Dimensions (HWD/in)	4 x 6.5 x 13
Shipping Dimensions (HWD/cm)	10.2 x 16.5 x 33
Unit weight (lbs)	5
Unit weight (kg)	2.1
Unit Dimensions (HWD/in)	3.75 x 6 x 12.5
Unit Dimensions (HWD/cm)	9.5 x 15.2 x 31.8
Material of construction	Aluminum / sheet metal
Form factors supported	Mounting slots enable permanent placement of inverter on any horizontal surface (see manual for additional mounting information)
Cooling method	Fan

ENVIRONMENTAL

Relative Humidity	0-95% non-condensing
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WARRANTY

Product warranty	1 year (Outside the U.S. and Canada, call for warranty information)
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SPECIAL FEATURES

Appearance	Attractive, rugged, metallic gray color inverter system
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More information, including related products, owner's manuals, and additional technical specifications, can be found online at www.tripplite.com/products/model.cfm?txtModelID=2905.