Tripp Lite
1111 W. 35th Street
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PowerVerter® 1000W Compact Inverter with 4 Outlets

MODEL NUMBER: **PV1000HF**



Highlights

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

Applications

- Ideal for powering laptops, televisions, video game systems, stereos, toasters, refrigerators, small microwave ovens, small window air conditioners, flood lights and small power tools like drills and belt sanders

NOTE: Your load should not exceed your inverter's maximum continuous output power of 1000 watts. To determine your total load, add the wattage ratings of all equipment you will connect to your inverter. Wattage ratings are usually listed in equipment manuals or on nameplates. If your equipment is rated in amps, multiply that number times AC utility voltage to estimate watts. (Example: a drill requires 2.5 amps. 2.5 amps × 120 volts = 300 watts.)

Package Includes

- PV1000HF 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 1000 watts of 120V AC power to 4 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.

NOTE: To protect against high current draw that may occur during inverter failure, a fuse link rated at 175a should be positioned no more than 18" from the PV1000HF's battery in the positive line.

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

OUTPUT	
Frequency compatibility	60 Hz
Output watts	1000
Continuous output capacity (watts)	1000
Peak output capacity (watts)	2000
Output nominal voltage	120V
Output voltage regulation	Maintains PWM sine wave output voltage of 115 VAC (+/- 10% VAC)
Output frequency regulation	60 Hz (+/- 5% Hz)
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
Outlet quantity / type	4 NEMA 5-15R
INPUT	
Recommended Electrical Service	Requires 12V DC input source capable of delivering 100A for the required duration (when used at full capacity). For automotive applications, 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
Input connection type	Set of 2 DC bolt-down wiring terminals
Input cord length details	User supplies cabling. Minimum gauges for full load operation: #4 wire (12 ft max), #2 wire (20 ft max), #0 wire (31 ft max).
Voltage compatibility (VDC)	12
BATTERY	
DC system voltage (VDC)	12
LEDS ALARMS & SWITCHES	
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)
Front panel LEDs	Set of 6 LEDs offer continuous status information on battery and connected load conditions
PHYSICAL	
Shipping Dimensions (HWD/in)	5.25 x 7.5 x 15
Shipping Dimensions (HWD/cm)	13.34 x 19.05 x 38.1
Shipping weight (lbs)	6.8

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Shipping weight (kg)	3.1
Unit Dimensions (HWD/in)	4.25 x 6 x 13
Unit Dimensions (HWD/cm)	10.8 x 15.24 x 33.02
Unit weight (lbs)	6
Unit weight (kg)	2.7
Cooling method	Fan
Material of construction	Aluminum / sheet metal
Style	Compact
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	Attractive, rugged, metallic gray color inverter system
Remote control capability	Yes
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

Related Items

Optional Products

Model Number	Description	Qty.
APSRM4	Remote Control Module - for Tripp Lite PowerVerter Inverters and Inverter/Chargers	1
98-121	12V DC Sealed, Maintenance-Free Battery for All Inverter/Chargers that Accept 12V DC Battery Connections	1

More information, including related products, owner's manuals, and additional technical specifications, can be found online at:
http://www.tripplite.com/sku/PV1000HF.

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