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PV3000HF

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Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

3000W PowerVerter Compact Inverter for Trucks with 4 Outlets

MODEL NUMBER: **PV3000HF**



Highlights

- 12V DC input; 120V AC output; 4 outlets
- 3000 watts continuous output; 6000 watts peak output (instantaneous)
- Quiet electricity for TVs, DVD players, microwaves, power tools, coffee makers and game systems
- Straight forward, uncomplicated installation
- Includes "Battery Saver" low voltage alarm/shutdown
- Remote Control LED/Switch Module and Cable included

Package Includes

- PV3000HF Inverter
- Remote control LED/switch module (APSRM4)
- 25-ft. cable
- 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 3000 watts of 120V AC power to 4 AC outlets from any 12V battery or automotive DC source. Includes a PV remote and 25 feet of cable. 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, two fuse links rated at 250a each should be positioned no more than 18" from the PV3000HF's battery in each positive line.

Features

- Converts DC power into 3000 watts of continuous 120V AC power
- 15- and 20-amp outlets provide 120V AC power
- Includes "Battery Saver" low voltage alarm/shutdown
- Heavy-duty DC input terminals assure solid connection to battery. Dual connections provide high wattage to support heavy equipment loads.
- Quiet electricity for TVs, DVD players, microwaves, tools, coffeemakers and game systems
- Operating mode switch controls inverter operation.
- Remote control jack provides optional remote monitoring and control (when used with FREE, included LED/switch module)
- Remote Control LED/Switch Module controls and monitors your inverter from virtually anywhere within your vehicle with use of included extra-long cable. Allows multiple mounting options, including behind or below a dashboard or compartment. Features daisy-chain capability
- 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
- Sturdy extruded aluminum case stands up to the toughest work environments
- Battery conservation charge dial conserves battery power by setting the low-load level at which the inverter automatically shuts off
- Cooling fans provide cooler operation, lengthening inverter service life
- Circuit breakers guard the inverter against potentially damaging equipment overload
- Mounting flanges provide safe, fixed installation

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- Grooved cooling surface provides additional surface area for more efficient cooling
- Grounding lug connects to vehicle ground

Specifications

OUTPUT	
Nominal Output Voltage(s) Supported	120V
Frequency Compatibility	60 Hz
Output Receptacles	(4) 5-15R
Output (Watts)	3000
Continuous Output Capacity (Watts)	3000
Peak Output Capacity (Watts)	6000
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. Output is protected by 2 built-in 20A circuit breakers (each controlling power to 2 outlets). Inverter and electrical system are further protected via set of 6 40A automotive input fuses.
INPUT	
Recommended Electrical Service	Requires 12VDC input source capable of delivering 286A for the required duration (when used at full capacity). For automotive applications, professional hardwire installation with 500A battery system fusing is recommended.
Maximum Input Amps / Watts	Full continuous load - 286A at 12VDC, No load - 2.6A at 12VDC, Shutdown / load sense mode - less than 500 milliamps
Input Connection Type	DC INPUT: Set of 4 DC bolt-down terminals (2 red / 2 black). AC INPUT: hardwire
Input Cord Length Details	User supplies cabling. Minimum gauges for full load operation: 0 (10 ft max), 00 or 2/0 (13 ft max), Twin 00 using 4 conductors (26 ft)
Voltage Compatibility (VDC)	12
BATTERY	
DC System Voltage (VDC)	12
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LEDs	Set of 6 LEDs offer continuous status information on load percentage (5 levels reported) and battery charge level (7 levels reported). See manual for sequences.
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 included module.
Audible Alarm	Dual function alarm indicates overload conditions or low DC input voltage of 10.5V or less.
PHYSICAL	
Shipping Dimensions (hwd / in.)	5.5 x 16 x 12

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Shipping Dimensions (hwd / cm)	13.97 x 40.64 x 30.48
Shipping Weight (lbs.)	15.6
Shipping Weight (kg)	7.1
Unit Dimensions (hwd / in.)	4 x 10.5 x 13.5
Unit Dimensions (hwd / cm)	10.16 x 26.67 x 34.29
Unit Weight (lbs.)	13.2
Unit Weight (kg)	6
Cooling Method	Fan
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)
ENVIRONMENTAL	
Relative Humidity	0-95% non-condensing
SPECIAL FEATURES	
Load Sensing	Optional load sense function enables automatic inverter shutoff and startup as connected equipment is powered off and on. Front panel load sense potentiometer can be set to shutoff or turn on inverter power in response to loads of any level, up to 150 watts.
Remote Control Capability	Yes
TVSS Grounding	Grounding lug grounds the inverter to vehicle or earth ground - user supplies cabling
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

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