

# 1800W PowerVerter Compact Inverter with 2 GFCI Outlets

MODEL NUMBER: **PV1800GFCI**



### Highlights

- 12V DC input; 120V AC output; 2 GFCI protected 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 2 GFCI protected 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 PV1800GFCI'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)
- 2 GFCI protected outlets (Ground Fault Circuit Interrupter)
- 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

OUTPUT	
Nominal Output Voltage(s) Supported	120V
Frequency Compatibility	60 Hz



Output Receptacles	(2) 5-15R
Output (Watts)	1800
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.
<b>INPUT</b>	
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.
Maximum Input Amps / Watts	Full continuous load - 200A at 12VDC, No load - 2.7A at 12VDC, Shutdown
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
<b>BATTERY</b>	
DC System Voltage (VDC)	12
<b>USER INTERFACE, ALERTS &amp; CONTROLS</b>	
Audible Alarm	Dual-function alarm indicates overload conditions or low DC input voltage of 10.5V or less.
<b>PHYSICAL</b>	
Shipping Dimensions (hwd / in.)	5.25 x 7.75 x 17.25
Shipping Dimensions (hwd / cm)	13.34 x 19.69 x 43.82
Shipping Weight (lbs.)	8
Shipping Weight (kg)	3.6
Unit Dimensions (hwd / in.)	4 x 6 x 15
Unit Dimensions (hwd / cm)	10.16 x 15.24 x 38.1
Unit Weight (lbs.)	7.25
Unit Weight (kg)	3.3
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)
<b>ENVIRONMENTAL</b>	
Relative Humidity	0-95% non-condensing



**Tripp Lite**  
1111 W. 35th Street  
Chicago, IL 60609 USA  
Telephone: 773.869.1234  
[www.tripplite.com](http://www.tripplite.com)

<b>SPECIAL FEATURES</b>	
TVSS Grounding	Grounding lug grounds the inverter to vehicle or earth ground; user supplies cabling
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	1-year limited warranty
<b>YES/NO WEB CATEGORY PAGE FILTERS</b>	
Remote Control Capability	Yes

© 2017 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies: <https://www.tripplite.com/products/product-certification-agencies>