



**Tripp Lite**  
1111 West 35th Street  
Chicago, IL 60609 USA  
Telephone: +(773) 869 1234  
E-mail: [saleshelp@tripplite.com](mailto:saleshelp@tripplite.com)

## Model #: PV700HF

### PowerVerter® 700W Ultra-Compact Inverter with 3 Outlets

#### Highlights



- 700W continuous output; 1400W peak output (instantaneous)
- Converts 12V DC (battery) power into 110-120V AC (household) power; 3 AC outlets
- Installs in minutes (integrated mounting feet included)
- Provides a quiet alternative to generator noise and fumes
- Includes "battery saver" low voltage alarm/shutdown

#### Description

Utilize your vehicle's battery to efficiently power appliances, small electronics and office equipment on the road. Continuously supplies up to 700W of 120V AC power to 3 AC outlets from any 12V battery. Featuring an ultra-compact, lightweight design with metal housing, the PV700HF is the most rugged inverter available.

#### Applications

- Ideal for portable electronics, office equipment, RV and mobile appliances, video game and small entertainment systems, battery chargers, and more

#### Package Includes

- PV700HF Ultra-Compact DC-to-AC Inverter
- Instruction manual with warranty information

#### Features

- Provides 120V AC power for a variety of mobile applications
- 700W continuous output power; 1400W peak output power (instantaneous)
- 3 AC outlets
- Ultra-compact extruded aluminum housing stands up to the toughest environments
- Cooling fan lengthens inverter service life & maintains cool operation
- Integrated mounting feet assure safe fixed installation
- Low battery alarm/shutdown detects low battery voltage and shuts down inverter
- Overload alarm/shutdown detects wattage overload on inverter outlets and shuts down inverter as a protective measure
- DC input terminals provide a solid connection to battery with user-supplied cables
- Lighted on/off switch shows inverter operations in cramped or dark environments
- Grooved surface for more efficient cooling

#### Specifications

<b>OUTPUT</b>
---------------

<b>Frequency compatibility</b>	60 Hz
<b>Output watts</b>	700
<b>Continuous output capacity (watts)</b>	700
<b>Peak output capacity (watts)</b>	1400
<b>Output nominal voltage</b>	120V
<b>Output voltage regulation</b>	Maintains PWM sine wave output voltage of 115 V AC (+/- 8 V AC)
<b>Output frequency regulation</b>	60 Hz (+/- 3 Hz)
<b>Outlet quantity / type</b>	3 AC outlets
<b>INPUT</b>	
<b>Recommended Electrical Service</b>	Requires 12V DC input source capable of delivering 80A for the required duration (when used at full capacity). For automotive applications, hardwire installation with 125A battery system fusing is recommended
<b>Maximum input amps / watts</b>	Full continuous load - 80A at 12V DC, No load - 0.95A at 12V DC, Shutdown - 150 micro amps
<b>Input connection type</b>	Set of 2 DC bolt-down wiring terminals
<b>Input cord length details</b>	User supplies cabling. Minimum gauges for full load operation: 6 gauge or larger (see instruction manual)
<b>Voltage compatibility (VDC)</b>	12
<b>BATTERY</b>	
<b>DC system voltage (VDC)</b>	12
<b>LEDS ALARMS &amp; SWITCHES</b>	
<b>Alarms</b>	Dual-function alarm indicates overload conditions or low DC input voltage of 10.5V or less
<b>Switches</b>	Lighted on/off power switch
<b>PHYSICAL</b>	
<b>Shipping weight (lbs)</b>	3.5
<b>Shipping weight (kg)</b>	1.6
<b>Cooling method</b>	Fan
<b>Unit Dimensions (HWD/in)</b>	2.75 x 8.17 x 5
<b>Unit Dimensions (HWD/cm)</b>	7 x 20.75 x 12.6
<b>Shipping Dimensions (HWD/in)</b>	3.75 x 6.25 x 10.3
<b>Shipping Dimensions (HWD/cm)</b>	9.53 x 15.88 x 26.16
<b>Unit weight (lbs)</b>	2.8
<b>Unit weight (kg)</b>	1.26

<b>Material of construction</b>	Aluminum/sheet metal
<b>Style</b>	Compact
<b>ENVIRONMENTAL</b>	
<b>Relative Humidity</b>	0-95% non-condensing
<b>SPECIAL FEATURES</b>	
<b>Appearance</b>	Attractive metallic gray color scheme
<b>Remote control capability</b>	No
<b>TVSS grounding</b>	Main grounding screw for connecting inverter to earth, vehicle, or boat grounding systems
<b>WARRANTY</b>	
<b>Product Warranty Period (Worldwide)</b>	1-year limited warranty

More information, including related products, owner's manuals, and additional technical specifications, can be found online at [www.tripplite.com/en/products/model.cfm?variables.txtModelID=3610](http://www.tripplite.com/en/products/model.cfm?variables.txtModelID=3610).

Copyright © 2013 Tripp Lite. All rights reserved. All trademarks are the sole property of their respective owners. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Photos may differ slightly from final products.