



## Model #: PV700HF

### PowerVerter Ultra-Compact Inverter - Portable Power for All Applications

#### 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

Harness 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 among the smallest, most rugged inverters 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

#### Specifications

| SYSTEM OVERVIEW       |  |
|-----------------------|--|
| Voltage compatibility | Compatible with 12V DC automotive or battery power sources |

|                                    |   |
|------------------------------------|---|
| Frequency compatibility            | 60 Hz   |
| <b>OUTPUT</b>                      |   |
| Output watts                       | 700W (continuous)/1400W (peak)  |
| Output nominal voltage             | 120V  |
| Output voltage regulation          | Maintains PWM sine wave output voltage of 115 V AC (+/- 8 V AC)   |
| Output frequency regulation        | 60 Hz (+/- 3 Hz)  |
| Outlet quantity / type             | 3 x NEMA 5-15R  |
| Continuous output capacity (watts) | 700   |
| Peak output capacity (watts)       | 1400  |
| <b>INPUT</b>                       |   |
| Input connection type              | Set of 2 DC bolt-down wiring terminals  |
| Input cord length                  | User supplies cabling. Minimum gauges for full load operation: 6 gauge or larger (see instruction manual)   |
| Recommended electrical service     | Requires 12V DC input source capable of delivering 80A for the required duration (when used at full capacity). For automotive applications, professional hardwire installation with 125A battery system fusing is recommended |
| Maximum input amps / watts         | Full continuous load - 80A at 12V DC, No load - 0.95A at 12V DC, Shutdown - 150 micro amps  |
| <b>BATTERY</b>                     |   |
| DC system voltage                  | 12V   |
| <b>LEDS ALARMS &amp; SWITCHES</b>  |   |
| Alarms                             | Dual-function alarm indicates overload conditions or low DC input voltage of 10.5V or less  |
| Switches                           | Lighted on/off power switch   |
| <b>PHYSICAL</b>                    |   |
| Shipping weight (lbs)              | 3.5   |
| Shipping weight (kg)               | 1.6   |
| Shipping Dimensions (HWD/in)       | 4 x 6.25 x 10.25  |
| Shipping Dimensions (HWD/cm)       | 10.2 x 16 x 26  |
| Unit weight (lbs)                  | 2.8   |
| Unit weight (kg)                   | 1.26  |
| Unit Dimensions (HWD/in)           | 2.76 x 5 x 8.17   |
| Unit Dimensions (HWD/cm)           | 7 x 12.7 x 21   |
| Material of construction           | Aluminum/sheet metal  |
| Cooling method                     | Fan   |
| <b>ENVIRONMENTAL</b>               |   |
| Relative Humidity                  | 0-95% non-condensing  |
| <b>WARRANTY</b>                    |   |
| Product warranty                   | 1 year (outside the U.S. and Canada, call for warranty information)   |
| <b>SPECIAL FEATURES</b>            |   |
| TVSS grounding                     | Main grounding screw for connecting inverter to earth, vehicle, or boat grounding systems   |
| Appearance                         | Attractive metallic gray color scheme   |