

PowerVerter Ultra-Compact Inverter

Portable Power for All Applications



Model #: PV700HF

- ▶ 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.

KEY BUYING POINTS

- 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

TYPICAL 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

COMPLETE SPECIFICATIONS

SYSTEM OVERVIEW

System overview:

Compact 12V DC to 120V AC power inverter. 700W continuous/1400W peak (instantaneous). Requires hardwire DC installation. 3 AC outlets. DC input operating range 10-15V DC. Alarm sounds as voltage drops to 10.5V. Auto-shutdown occurs at 10V

Voltage compatibility:

Compatible with 12V DC automotive or battery power sources

Frequency compatibility:

60 Hz

OUTPUT

Output watt capacity (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

INPUT

Maximum input amps / watts:

Full continuous load - 80A at 12V DC, No load - 0.95A at 12V DC, Shutdown - 150 microamps

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

BATTERY

DC system voltage:

12V

LEDS ALARMS & SWITCHES

Alarms:

Dual-function alarm indicates overload conditions or low DC input voltage of 10.5V or less

Switches:

Lighted on/off power switch

PHYSICAL

Shipping weight (lbs):

3.5

Shipping weight (kg):

1.6

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

Shipping Dimensions (HWD/in):

4 x 6.25 x 10.25

Shipping Dimensions (HWD/cm):

10.2 x 16 x 26

Material of construction:

Aluminum/sheet metal

Cooling method:

Fan

ENVIRONMENTAL

Operating Temperature:

32-104 Fahrenheit / 0-40 Celcius

Relative Humidity:

0-95% non-condensing

WARRANTY

Product warranty:

1 year (outside the U.S. and Canada, call for warranty information)

SPECIAL FEATURES

TVSS grounding:

Main grounding screw for connecting inverter to earth, vehicle, or boat grounding systems

Appearance:

Attractive metallic gray color scheme



*The policy of Tripp Lite is one of continuous improvement.
Specifications are subject to change without notice.
Therefore, your product may vary slightly from what is currently listed.*



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