

PowerVerter Ultra-Compact Inverter

Portable Power for All Applications



Model #: PV600

- ▶ 600 watt continuous output (1200 watt peak output)
- ▶ Converts 12V DC (battery) power into 110-120V AC (household) power
- ▶ Installs in minutes (includes integrated mounting feet)
- ▶ 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 600 watts of 120V AC power to 3 AC outlets from any 12V battery. Ultra-compact, lightweight metal case design is among the smallest, most rugged inverters available.

KEY BUYING POINTS

- Provides 120V AC power for a variety of mobile applications
- DC input terminals assure solid connection to battery with user-supplied cables
- Lighted on/off switch shows inverter operations in cramped or dark environments
- Ultra-compact, extruded aluminum casing stands up to the toughest environments
- Cooling fan lengthens inverter service life
- Integrated mounting feet provide safe, fixed installation
- Low battery alarm/shutdown detects low voltage and shuts down inverter
- Overload alarm/shutdown detects wattage overload on inverter outlets and shuts down inverter as a protective measure

TYPICAL APPLICATIONS

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

PACKAGE INCLUDES

- PV600 Ultra-Compact DC-to-AC Inverter
- Instruction manual

COMPLETE SPECIFICATIONS

SYSTEM OVERVIEW

System overview:

Compact 12 volt DC to 120 volt AC power inverter. 600 watts continuous / 1200 watts peak. Requires hardwire DC installation, 3 AC outlets.

Voltage compatibility:

Compatible with 12V DC automotive or battery power sources

Frequency compatibility:

60 Hz

OUTPUT

Output watt capacity (watts):

600 watts continuous, supports peak output up to 1200 watts for up to 500 milliseconds

Output nominal voltage:	120V nominal
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:	Includes 3 NEMA 5-15R output receptacles
Overload protection:	Via set of 2 40A automotive input fuses

INPUT

Maximum input amps / watts:	Full continuous load - 64A 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: 8 (6 ft max), Two 10 (8 ft max), 6 (10 ft max), 4 (15 ft max).
Recommended electrical service:	Requires 12V DC input source capable of delivering 64A for the required duration (when used at full capacity). For automotive applications, professional hardwire installation with 80A battery system fusing is recommended.

BATTERY

DC system voltage:	DC input operating range 10-15V DC. Alarm sounds as voltage drops to 10.5V. Auto-shutdown occurs at 10V.
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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
Shipping weight (kg):	1.4
Unit weight (lbs):	2.5
Unit weight (kg):	1.1
Unit Dimensions (HWD/in):	2.75 x 5 x 8.25
Unit Dimensions (HWD/cm):	7 x 12.7 x 21
Shipping Dimensions (HWD/in):	4 x 6.5 x 10.25
Shipping Dimensions (HWD/cm):	10.2 x 16.5 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)
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SPECIAL FEATURES

Appearance:	Attractive, rugged, metallic gray color inverter system
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*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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