

PowerVerter® 700W Ultra-Compact Inverter with 1 AC Outlet

MODEL NUMBER: **PVX700**



Description

Power electrical appliances in your vehicle with Tripp Lite's PVX700 DC-to-AC power inverter. Converts 12 volt DC power from your automotive battery connection to modified sine wave AC power compatible with 220-240 volt/50Hz equipment. 700 watt continuous/1400 watt instantaneous peak surge power handling capability powers laptop computers, battery chargers, TV/VCRs, gaming systems and small power tools. Universal outlet accepts French, German and UK style connectors, plus a variety of other international plug sets. Rugged all-metal case withstands punishing environments. Compact design offer ample power capacity and weighs only 1.27 kg. Built-in low-battery alarm and auto-shutoff prevents deep battery discharge, ensuring that enough charge remains to start your vehicle. Includes lighted power switch, user replaceable fuse, built-in cooling fan.

Features

- Converts 12 volt DC to modified sine wave AC power compatible with 220-240 volt/50Hz equipment
- DC input terminals assure solid connection to battery with user-supplied cables
- 700 watt continuous/1400 watt instantaneous peak surge power handling capability supports a variety of electronic loads
- Universal outlet accepts French, German and UK style AC input connectors, plus a variety of other international plug sets
- Rugged all-metal case
- Ultra compact, high-frequency inverter design weighs approximately 1.27 kg
- Low input voltage alarm alerts users to low vehicle battery conditions starting at 10.5V
- Automatic low voltage shutoff prevents deep battery discharge starting at 10V
- Lighted power switch offers visual notification of power status
- Overload alarm/shutdown detects wattage overload on inverter outlets and shuts down inverter as a protective measure
- Built-in cooling fan prevents overheating during extended usage periods
- Integrated mounting feet provide secure, fixed installation
- Attractive full-color retail packaging

Highlights

- 12V DC input; 230V AC output; 1 universal global outlet
- 700 watts continuous output
- Hardwire DC input terminals
- Includes "battery saver" low voltage alarm/shutdown

Applications

- Ideal means of powering AC appliances (laptop computers, electronic notepads, battery chargers, cell phones, small power tools, lamps, low power kitchen appliances, TV/VCR/Stereo systems and more) from any 12 volt DC automotive source

Package Includes

- PVX700 DC-to-AC inverter system
- User manual with warranty information



Specifications

OVERVIEW	
Style	Compact
OUTPUT	
Output (Watts)	700
Continuous Output Capacity (Watts)	700
Peak Output Capacity (Watts)	1400
Output Nominal Voltage	230V
Output Voltage Regulation	Maintains PWM sine wave output voltage of 230V AC (+/- 10 %)
Output Frequency Regulation	50 Hz (+/- 5 %)
INPUT	
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 12VDC, No load - 0.95A at 12VDC. Shutdown - 0.01 micro amps
Input Connection Type	Set of 2 DC bolt-down terminals
Voltage Compatibility (VDC)	12
BATTERY	
DC System Voltage (VDC)	12
LEDS ALARMS & SWITCHES	
Audible Alarm	Dual function alarm indicates overload conditions or low DC input voltage of 10.5V or less.
Switches	Lighted on/off power switch
PHYSICAL	
Shipping Dimensions (hwd / in.)	3.75 x 6.25 x 10
Shipping Dimensions (hwd / cm)	9.53 x 15.88 x 25.4
Shipping Weight (lbs.)	5.5
Shipping Weight (kg)	2.5
Unit Dimensions (hwd / in.)	2.75 x 8.17 x 5
Unit Dimensions (hwd / cm)	7 x 20.75 x 12.6
Unit Weight (lbs.)	2.8
Unit Weight (kg)	1.3
Cooling Method	Fan



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Material of Construction	Aluminum / sheet metal
ENVIRONMENTAL	
Relative Humidity	0-95% non-condensing
SPECIAL FEATURES	
Remote Control Capability	No
TVSS Grounding	Main ground screw connects to earth ground or vehicle grounding system
CERTIFICATIONS	
Certifications	RoHS compliant
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

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