700W PowerVerter Ultra-Compact Inverter with 3 Outlets

MODEL NUMBER: **PV700HF**



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

Package Includes

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

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.
NOTE: To protect against high current draw that may occur during inverter failure, a fuse link rated at 125a should be positioned no more than 18" from the PV700HF's battery in the positive line.

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

OVERVIEW	
UPC Code	037332137999
INPUT	

Maximum Input Amps / Watts	Full continuous load - 80A at 12V DC, No load - 0.95A at 12V DC, Shutdown - 150 micro amps
Recommended Electrical Service	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
Input Connection Type	Set of 2 DC bolt-down wiring terminals
Input Cord Length Details	User supplies cabling. Minimum gauges for full load operation: 6 gauge or larger (see instruction manual)
Voltage Compatibility (VDC)	12
OUTPUT	
Frequency Compatibility	60 Hz
Pure Sine Wave Output	No
Nominal Output Voltage(s) Supported	120V
Output Receptacles	(3) 5-15R
Continuous Output Capacity (Watts)	700
Peak Output Capacity (Watts)	1400
Output Voltage Regulation	Maintains PWM sine wave output voltage of 115 VAC (+/- 8 V AC)
Output Frequency Regulation	60 Hz (+/- 3 Hz)
BATTERY	
DC System Voltage (VDC)	12
USER INTERFACE, ALERTS & CONTROLS	
Switches	Lighted on/off power switch
Audible Alarm	Dual-function alarm indicates overload conditions or low DC input voltage of 10.5V or less
PHYSICAL	
Material of Construction	Aluminum, Steel
Cooling Method	Fan
Shipping Dimensions (hwd / in.)	3.70 x 10.10 x 6.30
Shipping Dimensions (hwd / cm)	9.40 x 25.65 x 16.00
Shipping Weight (lbs.)	3.50
Shipping Weight (kg)	1.59
Unit Dimensions (hwd / in.)	2.760 x 8.170 x 4.960
Unit Dimensions (hwd / cm)	7 x 20.75 x 12.6
Unit Weight (lbs.)	2.8
Unit Weight (kg)	1.27
ENVIRONMENTAL	
Relative Humidity	0%-95% Non-Condensing

FEATURES & SPECIFICATIONS	
Grounding	Main grounding screw for connecting inverter to earth, vehicle, or boat grounding systems
STANDARDS & COMPLIANCE	
Product Compliance	RoHS
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	1-year limited warranty

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