



Model #: PV2000FC

PowerVerter Plus Inverter - Industrial-Strength Power for Heavy-Duty Applications



Highlights

- Designed for heavy duty and motor loads
- 12V DC input; 120V AC output; 2 outlets
- 2000W continuous output
- Peak surge output: OverPower (up to 1 hour)— 3000W, Double-Boost (up to 10 seconds)— 4000W
- High-efficiency power conversion
- Automatic overload protection

Description

Utilize your vehicle's battery to efficiently power office equipment on the road or power tools at a work site. Continuously supplies up to 2000W of 120V AC power to 2 AC outlets from any 12V battery or automotive DC source. Frequency control locks AC output at 60Hz for operating stability of motor loads. Includes a set of high-current DC input terminals for simple, permanent installation. Highly reliable large transformer design specializes in powering motors and other inductive loads with high-current startup needs. Built-in RJ45 port allows connection of APS/PowerVerter Remote Switch (Tripp Lite # APSRM4)

OPTIONAL FEATURES: Optional load sense function enables automatic inverter shutoff and startup as connected equipment is powered off and on. Front panel load sense potentiometer can be set to shut off or turn on inverter power in response to loads of any level. Ignition Switch Control Jack connects inverter to vehicle ignition system to automatically control inverter. Inverter ON/OFF Relay Jack connects to a user-supplied on/off indicator for remote visual status of the operation of the inverter.

Applications

 Ideal for industrial power tools, window air conditioners, electric motors, pumps, desktop computers, laptops, portable electronics, battery chargers for cell phones and games, large-screen TV/DVD/stereo systems, camcorders, lighting and other AC applications under 2000W continuous/ 4000W peak.

Package Includes

- PV2000FC Inverter
- Instruction manual

Features

- Allows users to run large, motorized AC appliances from any 12V battery or automotive DC system
- Converts 12V DC battery power to 120V AC power
- 2000W continuous output power

- Peak surge output: OverPower (up to 1 hour) 3000W, Double-Boost (up to 10 seconds) 4000W
- 2 x NEMA 5-15/20R outlets; DC input terminals for 12V battery connection
- Frequency control for operating stability
- High-efficiency operation conserves batteries to prolong runtime
- Diagnostic LEDs indicate load level (high, medium, and low) and battery charge (high, medium, and low)
- DC fusing protects inverter against overload
- High-impact polycarbonate housing
- RJ45 port allows connection of APS/PowerVerter Remote Switch (Tripp Lite # APSRM4)
- Grounding lug properly connects the inverter system to earth ground or vehicle grounding system
- Load sense function enables automatic inverter shutoff and startup as connected equipment is powered off and on.

Specifications

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(7 levels reported). See manual for sequences	Switches					
PHYSICAL	Front panel LEDs					
	PHYSICAL					

Shipping weight (lbs)	43			
Shipping weight (kg)	19.5			
Cooling method	Fan			
Unit Dimensions (HWD/in)	7.25 x 8.5 x 16.25			
Unit Dimensions (HWD/cm)	18.42 x 21.59 x 41.28			
Shipping Dimensions (HWD/in)	13.5 x 15 x 21.5			
Shipping Dimensions (HWD/cm)	34.29 x 38.1 x 54.61			
Unit weight (lbs)	39.0			
Unit weight (kg)	17.7			
Material of construction	Polycarbonate			
Style	Heavy-duty			
Form factors supported	Mounting slots enable permanent placement of inverter on any horizontal surface (see manual for additional mounting information)			
ENVIRONMENTAL				
Relative Humidity	0-95% non-condensing			
SPECIAL FEATURES				
Appearance	Attractive all-black color scheme			
Load Sensing	Optional load sense function enables automatic inverter shutoff and startup as connected equipment is powered off and on. Front panel load sense potentiometer can be set to shutoff or turn on inverter power in response to loads of any level			
Remote control capability	Yes			
CERTIFICATIONS				
Certifications	Meets UL458 (USA, Canada), RoHS Compliant			
WARRANTY				
Product Warranty Period (U.S., Canada & Puerto Rico)	1-year limited warranty			

Related Items

Optional Products

Product Type	Related Model	Description	Qty.
Inverter Accessories	APSRM4	Remote Control Module - for Tripp Lite Inverters and Inverter/Chargers	-

More information, including related products, owner's manuals, and additional technical specifications, can be found online at www.tripplite.com/en/products/model.cfm?txtModelID=181.

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