

PowerVerter Plus Inverter

Industrial-Strength Power for Heavy-Duty Applications



Model #: PV2000FC

- ▶ 12V DC input; 120V AC output; 2 outlets
- ▶ 2000 watts continuous output
- ▶ 4000 watts peak surge output
- ▶ High efficiency power conversion
- ▶ Automatic overload protection

DESCRIPTION

Harness your vehicle's battery to efficiently power office equipment on the road or power tools at a work site. Continuously supplies up to 2000 watts 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.

KEY BUYING POINTS

- 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
- 2,000 watts continuous output power
- 4,000 watts peak output power to startup heavy motorized / inductive loads
- 2 outlets (NEMA 5-20); DC input terminals for 12V battery connection
- Frequency control for operating stability
- High-efficiency operation conserves batteries to prolong run time
- 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 (manuf# APSRM)

TYPICAL APPLICATIONS

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

OPTIONS & ACCESSORIES

- APS/PowerVerter Remote Switch to control the unit from up to 50-ft. away; diagnostic LEDs (APSRM)

PACKAGE INCLUDES

- PV2000FC inverter
- Instruction manual

COMPLETE SPECIFICATIONS

SYSTEM OVERVIEW	
System overview:	Highly reliable large transformer 12 volt DC to 120 volt AC power inverter with Overpower and Double Boost support for inductive loads. 2000 watts continuous / 4000 watts peak. Requires hardwire installation, 2 AC outlets.
Voltage compatibility:	Compatible with 12V DC automotive or battery power sources
Frequency compatibility:	60 Hz
OUTPUT	
Output watt capacity (watts):	Continuous - 2000 watts, Overpower (up to 1 hour) - 3000 watts, Double-Boost wattage (up to 10 seconds) - 4000 watts
Output nominal voltage:	120V nominal
Output voltage regulation:	Maintains PWM sine wave output voltage of 120 V AC (+/-5%)
Output frequency regulation:	60 Hz (+/- 0.3 Hz)
Outlet quantity / type:	Includes 2 AC outlets (NEMA 5-20R)
Overload protection:	Circuit breaker
INPUT	
Maximum input amps / watts:	Full continuous load - 200A at 12V DC, No load - 2.2A at 12V DC
Input connection type:	Set of 2 DC bolt-down wiring terminals
Input cord length:	User supplies cabling. 2/0 gauge or larger recommended.
Recommended electrical service:	Requires 12V DC input source capable of delivering 200A for the required duration (when used at full capacity). For automotive applications, professional hardwire installation with 400A battery system fusing is recommended.
BATTERY	
DC system voltage:	DC input operating range 10-15V DC.
LEDS ALARMS & SWITCHES	
Front panel LEDs:	Set of 6 LEDs offer continuous status information on load percentage (6 levels reported) and battery charge level (7 levels reported). See manual for sequences.
Switches:	3 position on/off/remote switch enables simple on/off power control plus "remote" setting that enables distant on/off control of the inverter system when used in conjunction with optional APSPVREMOTE accessory.
PHYSICAL	
Shipping weight (lbs):	41
Shipping weight (kg):	18.6
Unit weight (lbs):	36.5
Unit weight (kg):	16.6
Unit Dimensions (HWD/in):	7.3 x 8.5 x 16.5
Unit Dimensions (HWD/cm):	18.5 x 21.6 x 41.9
Shipping Dimensions (HWD/in):	13.5 x 15 x 21.5
Shipping Dimensions (HWD/cm):	34.3 x 38.1 x 54.6
Material of construction:	Polycarbonate
Form factors supported:	Mounting slots enable permanent placement of inverter on any horizontal surface (see manual for additional mounting information)
Cooling method:	Fan
ENVIRONMENTAL	
Operating Temperature:	32-104 Fahrenheit / 0-40 Celcius
Relative Humidity:	0-95% non-condensing

WARRANTY	
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Product warranty:	1 year (Outside the U.S. and Canada, call for warranty information)
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SPECIAL FEATURES	
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Appearance:	Black color
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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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