

PowerVerter® 3000W Compact Inverter with 4 Outlets

MODEL NUMBER: PV3000



Specifications

OVERVIEW	
Intended Application	Utility/Long-Haul Truck; RV/Marine
Style	Compact
OUTPUT	
Frequency Compatibility	60 Hz
Output (Watts)	3000
Continuous Output Capacity (Watts)	3000
Peak Output Capacity (Watts)	6000
Output Nominal Voltage	120V
Output Voltage Regulation	Maintains PWM sine wave output voltage of 115 VAC (+/- 8 VAC)
Output Frequency Regulation	60 Hz (+/- 3 Hz)
Overload Protection	Automatic overload protection shuts down inverter system in the event of overloads. Output is protected by 2 built-in 20A circuit breakers (each controlling power to 2 outlets). Inverter and electrical system are further protected via set of 6 40A automotive input fuses.
Outlet Quantity / Type	4 NEMA 5-15R
INPUT	
Recommended Electrical Service	Requires 12VDC input source capable of delivering 286A for the required duration (when used at full capacity). For automotive applications, professional hardwire installation with 500A battery system fusing is recommended.



Maximum Input Amps / Watts	Full continuous load - 286A at 12VDC, No load - 2.6A at 12VDC, Shutdown / load sense mode - less than 500 milliamps
Input Connection Type	DC INPUT: Set of 4 DC bolt-down terminals (2 red / 2 black). AC INPUT: hardwire
Input Cord Length Details	User supplies cabling. Minimum gauges for full load operation: 0 (10 ft max), 00 or 2/0 (13 ft max), Twin 00 using 4 conductors (26 ft)
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	3 position rocker switch enables on/off power control, plus "remote" setting which enables inverter to be remotely powered on or off when used in conjunction with included APSRM2 module.
Front Panel LEDs	Set of 6 LEDs offer continuous status information on load percentage (5 levels reported) and battery charge level (7 levels reported). See manual for sequences.
PHYSICAL	
Shipping Dimensions (hwd / in.)	5.5 x 16 x 12
Shipping Dimensions (hwd / cm)	13.97 x 40.64 x 30.48
Shipping Weight (lbs.)	15.6
Shipping Weight (kg)	7.1
Unit Dimensions (hwd / in.)	4 x 10.5 x 13.5
Unit Dimensions (hwd / cm)	10.16 x 26.67 x 34.29
Unit Weight (lbs.)	13.2
Unit Weight (kg)	6
Cooling Method	Fan
Material of Construction	Aluminum / sheet metal
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	
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, up to 150 watts.
Remote Control Capability	Yes
TVSS Grounding	Grounding lug grounds the inverter to vehicle or earth ground - user supplies cabling



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WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

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