

2000W Medium-Duty Compact Mobile Power Inverter with 2 AC/1 USB - 2.0A/Battery Cables

MODEL NUMBER: PINV2000



Converts 12V DC power from your vehicle's battery into 120V AC and 5V DC power to operate and charge electronics while on the road.

Features

Mobile Power Inverter Charges and Powers Multiple Electronic Devices in Your Vehicle You don't have to be near your computer or an AC power source to keep your mobile devices fully charged and your power tools and small appliances operating. This 2000W mobile inverter converts 12V DC power from your car, truck, fleet vehicle, boat or RV's battery into standard 120V AC power. Just connect the included battery cables between the inverter's DC input terminals and the positive and negative terminals on your vehicle's battery.

Dual GFCI-Protected AC Outlets Provide Portable Power for Your Mobile Applications This compact power inverter provides a modified sine wave for use at remote locations, such as campgrounds, construction sites and mobile offices. Two NEMA 5-15/20R outlets deliver a continuous output of 2000 watts and a peak output of 4000 watts. That's plenty to operate a variety of appliances and power tools, such as low-power lights, camping accessories, battery rechargers for small battery-operated power tools, and mobile office equipment. Both outlets have OSHA-compliant self-testing GFCI (Ground-Fault Circuit Interrupter) protection to shield you, your vehicle and the connected equipment from electrical shock hazards.

USB Charging Port Keeps Your Devices at Full Strength The 5V 2A USB port remains active even when the inverter's on/off switch is set to Off. This allows you to charge your smartphone, tablet, laptop, MP3 player or GPS unit without draining too much power from the vehicle's battery.

Includes the Latest Safety Features to Protect Your Equipment and Battery An on/off/remote switch offers one-touch control over both AC outlets. If the power input from the vehicle's battery drops below 10 volts or exceeds 16 volts, the mobile power inverter will automatically shut down. Green and red LEDs indicate normal and improper operation. Two load-controlled fans begin cooling automatically when the internal temperature rises to a certain level during extended use. An audible alarm sounds during excessively high or low voltage conditions. The self-testing GFCI offers a protection status LED that alerts you when the GFCI protection is still available.

Remote Control Panel Allows Power Control from 20 ft. Away A remote panel is included to extend on/off control over AC power output from a remote location. The wired panel connects to the PINV2000's RJ11 port and can be permanently installed inside your vehicle with user-supplied hardware. This allows you to mount the inverter somewhere out of sight, like inside a compartment or cabinet, and be able to operate it from your vehicle's dashboard. The panel's green LED confirms the inverter is powered on.

Brackets Included for Permanent Mounting The compact mobile power inverter's durable aluminum housing is designed to withstand the rigors of road trips, campouts, business trips and family vacations. Use the built-in mounting brackets and your own hardware to install the inverter permanently in a horizontal position.

Highlights

- Provides portable power for mobile devices, including phones and laptops
- Ideal for areas without regular power outlets, such as campsites or construction sites
- Dual 5-15/20R GFCI outlets deliver continuous output of 2000W for powering devices
- USB charging port supplies 2A to keep smartphones, tablets and laptops at full capacity
- Rugged aluminum housing built to withstand rigors of travel and outdoor use

Applications

- Power multiple electronic devices and tools from your car, truck, fleet vehicle, boat or RV

Package Includes

- PINV2000 2000W Medium-Duty Compact Mobile Power Inverter
- PINVRM wired remote panel w/20 ft. cable
- Battery cable, red/black, 3 ft.
- Grounding cable, 3 ft.
- Owner's manual



Specifications

OVERVIEW	
UPC Code	037332225092
OUTPUT	
Charging Ports / Amps	(1) 2A
Frequency Compatibility	60 Hz
Output Receptacle Details	The dual GFCI protected outlets accepts 15A or 20A equipment plugs.
Pure Sine Wave Output	No
Output (Watts)	2000
Nominal Output Voltage(s) Supported	115V; 120V
Output Receptacles	(2) 5-15/20R
Continuous Output Capacity (Watts)	2000
Peak Output Capacity (Watts)	4000
Output Voltage Regulation	Maintains PWM sine wave output voltage of 120VAC (+/- 10%)
Output Frequency Regulation	60 Hz (+/- 3 Hz)
Overload Protection	Yes
INPUT	
Recommended Electrical Service	12VDC
Input Connection Type	DC terminal posts for included or user-supplied battery cables with ring terminals
Voltage Compatibility (VAC)	120
Voltage Compatibility (VDC)	10V ~ 16V
Input Cord Length (ft.)	3
Input Cord Length (m)	0.91
BATTERY	
Expandable Battery Runtime	User-Supplied 12V DC battery system
DC System Voltage (VDC)	12
Battery Access	Terminal Post
Battery Pack Accessory (Optional)	User-Supplied; 98-121, BP260
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LEDs	Single multi-color status LED for operation (Green) and fault conditions (RED), GFCI protection status LED (Green); PINVRM connection status LED (Green)



Switches	Inverter: ON/OFF/REMOTE Rocker Switch; Optional PINVRM wired remote panel: ON/OFF push-button switch.
Audible Alarm	Low Battery, Short Circuit, Over-temperature, High DC Voltage, Low DC Voltage and Overload protection
PHYSICAL	
Form Factors Supported	Horizontal Floor, Wall-Mount
Material of Construction	Aluminum
Receptacle Color	White
Shipping Dimensions (hwd / in.)	6.89 x 5.70 x 2.55
Shipping Weight (kg)	0.69
Unit Dimensions (hwd / cm)	9.09 x 24.61 x 26.89
Unit Dimensions (hwd / in.)	3.58 x 9.69 x 10.590
Unit Weight (kg)	3.27
Unit Weight (lbs.)	7.22
ENVIRONMENTAL	
Relative Humidity	0-95% non-condensing
Operating Temperature	0C-40C (32F~104F)
SPECIAL FEATURES	
TVSS Grounding	Grounding lug grounds the inverter to vehicle or earth ground; ground cable included
CERTIFICATIONS	
Certifications	Tested to UL458:2015 6TH EDITION; CAN/CSA-C22.2 NO.107.1:2016 4TH EDITION
WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty
Optional Coverage	1-Year standard warranty extension

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