# 1500W Medium-Duty Compact Mobile Power Inverter with 2 AC/2 USB - 2.0A/Battery Cables

MODEL NUMBER: **PINV1500**













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 1500W 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 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 5-15R outlets deliver a continuous output of 1500 watts and a peak output of 3000 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.

**Dual USB Charging Ports Keep Your Devices at Full Strength**Two 5V USB ports share 2.0 amps of charging capacity and remain 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 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.

**Brackets Included for Permanent Mounting**The compact 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 NEMA 5-15R outlets deliver continuous output of 1500W for powering devices
- Dual USB charging ports 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

- PINV1500 1500W Medium-Duty Compact Car Inverter
- Battery cable, red/black, 3 ft.
- Grounding cable, 3 ft.
- Owner's manual

# Specifications

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|---|---|
| **OVERVIEW** | |
| UPC Code | 037332225177 |
| **INPUT** | |
| Recommended Electrical Service | 12V DC |
| Input Connection Type | DC terminal post for battery cables with ring terminals |
| Voltage Compatibility (VAC) | 110; 120 |
| Voltage Compatibility (VDC) | 10-16 |
| Input Cord Length (ft.) | 3 |
| Input Cord Length (m) | 0.91 |
| **OUTPUT** | |
| Frequency Compatibility | 60 Hz |
| Pure Sine Wave Output | No |
| Output AC Waveform (Battery Mode) | PWM sine wave |
| Nominal Output Voltage(s) Supported | 115V; 120V |
| Output Receptacles | (2) 5-15R |
| Continuous Output Capacity (Watts) | 1500 |
| Peak Output Capacity (Watts) | 3000 |
| Output Voltage Regulation | Maintains PWM sine wave output voltage of 120VAC (+/- 10%) |
| Output Frequency Regulation | 60Hz (+/- 3Hz) |
| Overload Protection | Yes |
| Output Voltage (VDC) | 5V |
| **BATTERY** | |
| Expandable Runtime | No |
| Expandable Battery Runtime | User-Supplied 12VDC battery system |
| DC System Voltage (VDC) | 12 |
| Battery Access | Terminal Post |
| Battery Pack Accessory (Optional) | User-Supplied;  <a class="productLink" href="//tripplite.eaton.com/12VDC-Sealed-Maintenance-Free-Battery-All-Inverter-Chargers-12VDC-Battery-Connections~98-121">98-121</a> , BP260 |
| **USER INTERFACE, ALERTS & CONTROLS** | |
| Front Panel LEDs | Single multi-color status LED for operation (Green) and fault conditions (RED) |
| Switches | ON/OFF Rocker Switch |
| Audible Alarm | Low Battery, Short Circuit, Over-temperature, High DC Voltage, Low DC Voltage and Overload protection |

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| **CHARGING** | |
| Charging Ports / Amps | (2) 2A |
| **PHYSICAL** | |
| Material of Construction | Aluminum, Steel |
| Form Factors Supported | Horizontal Floor, Wall-Mount |
| Housing Color | Black; Blue |
| Receptacle Color | Black |
| Shipping Dimensions (hwd / in.) | 6.89 x 5.70 x 2.55 |
| Shipping Weight (kg) | 0.69 |
| Unit Dimensions (hwd / in.) | 3.540 x 7.600 x 8.270 |
| Unit Dimensions (hwd / cm) | 15/14 x 10.59 x 5.99 |
| Unit Weight (lbs.) | 4.63 |
| Unit Weight (kg) | 2.10 |
| **ENVIRONMENTAL** | |
| Relative Humidity | 0-95% (non-condensing) |
| Operating Temperature | 32° to 104°F (0° to 40°C) |
| **FEATURES & SPECIFICATIONS** | |
| Grounding | Grounding lug grounds the inverter to vehicle or earth ground; ground cable included |
| **STANDARDS & COMPLIANCE** | |
| Product Certifications | CAN/CSA-C22.2 No. 107.1 (Canada); UL 458 |
| Product Compliance | RoHS |
| **WARRANTY & SUPPORT** | |
| Product Warranty Period (Worldwide) | 2-year limited warranty |

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