1500W Compact Power Inverter - 3x 5-15R, USB Charging, Pure Sine Wave, Wired Remote

MODEL NUMBER: **PINV1500SW-120**







Converts 12V DC power from your vehicle's battery into 110V AC power for operating electronics while at remote locations that lack AC power.

Features

Mobile Sine Wave Inverter Charges and Powers Multiple Electronic Devices in Your Vehicle
You don't have to be near 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, utility truck, fleet vehicle, boat or RV's battery into pure sine wave 110V AC power. Just connect the included battery cables between the PINV1500SW-120's DC input terminals and the positive and negative terminals on your vehicle's battery.

AC Outlets Provide Portable Power for Your Mobile Applications
This compact power inverter provides pure sine wave AC output for use at remote locations, such as campgrounds, construction sites and mobile offices. Three NEMA 5-15R outlets provide a continuous output of 1500W and a peak output of 3000W. That's plenty to operate a variety of appliances and power tools, such as low-power lights, telemetry equipment, smart battery rechargers for small battery-operated power tools, and mobile office equipment.

USB Charging Ports Keep Your Devices at Full Strength
A 5V USB-A port outputs DC power up to 2.1A. A USB-C port outputs 5V/9V/12V fast-charging up to 18W maximum. Both USB ports remain active when the inverter's on/off switch is set to Off. This allows you to charge your smartphone, tablet, laptop or GPS unit without draining too much power from the vehicle's battery.

Includes the Latest Safety Features to Protect Your Equipment and Battery
The on/off switch offers one-touch control over all AC outlets. If the power input from the vehicle's battery drops below 10V or exceeds 16V, the PINV1500SW-120 will automatically shut down. Green and red LEDs indicate normal and improper operation. The temperature-controlled fan system begins cooling automatically when the internal temperature rises to a certain level during extended use. An audible alarm sounds during excessively high/low voltage or fault conditions.

Remote Control Module Allows Power Control from 20 ft. Away
The included PINVSWRM remote control module with 20-foot (6-meter) cable connects to the telephone-style RJ12 jack on the inverter's front panel. The module lets you mount the inverter out of sight, such as below your truck cab's jump seat or inside the glove compartment, and operate it from your vehicle's dashboard. The green LED confirms the inverter is powered on and operating correctly.

Brackets Included for Permanent Mounting

Highlights

- Provides pure sine wave power for appliances, power tools and other electronics
- Ideal for areas without power outlets, such as construction sites or mobile offices
- NEMA 5-15R outlets deliver continuous output of 1500W for powering devices
- USB charging ports keep smartphones, tablets and laptops at full capacity
- Wired remote module extends power control to cab of utility or work truck

Package Includes

- PINV1500SW-120 1500W Compact Power Inverter
- (2) DC battery cables, 18 in. (45.7 cm)
- Ground wire with clamp
- PINVSWRM wired remote kit
- Mounting hardware
- Owner's manual

The durable aluminum housing withstands the rigors of worksites, construction sites, business trips and family vacations. Use the built-in mounting brackets and included hardware to permanently install the inverter in a horizontal position.

Specifications

OVERVIEW	
UPC Code	037332266781
INPUT	
Recommended Electrical Service	12V DC
Input Connection Type	DC terminal posts for included or user-supplied battery cables with ring terminals
Voltage Compatibility (VAC)	110; 120
Voltage Compatibility (VDC)	11-15
Input Cord Length (ft.)	1.5
Input Cord Length (m)	0.46
OUTPUT	
Frequency Compatibility	60 Hz
Pure Sine Wave Output	Yes
Output AC Waveform (Battery Mode)	Sine wave
Nominal Output Voltage(s) Supported	110V
Output Receptacles	(3) 5-15R
Continuous Output Capacity (Watts)	1500
Peak Output Capacity (Watts)	3000
Output Voltage Regulation	110V +/- 10V AC
Output Frequency Regulation	60Hz (+/- 0.5Hz)
Overload Protection	Up to 1250W for 1 Min., 3000W peak for 0.5 seconds, shutdown with manual and auto-recovery modes
BATTERY	
Expandable Runtime	No
Expandable Battery Runtime	User-Supplied 12VDC battery system
Expandable Runtime Description	User-Supplied 12VDC battery system
DC System Voltage (VDC)	12
Battery Pack Accessory (Optional)	User-Supplied; 98-121 , BP260
POWER	

Sine Wave	Pure Sine Wave
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LEDs	UNIT LEDS & REMOTE CONTROL LEDS - NORMAL OPERATION - GREEN FAULT (SHORT CIRCUIT, OVER-TEMPERATURE, HIGH VOLTAGE, LOW VOLTAGE, OVERLOAD PROTECTION) - RED
Switches	Inverter: ON/OFF Rocker Switch; Optional PINVSWRM wired remote panel: ON/OFF momentary push-button switch.
Audible Alarm	LOW BATTERY VOLTAGE, OVER-TEMPERATURE, HIGH VOLTAGE, LOW VOLTAGE SHUTDOWN, OVERLOAD PROTECTION
CHARGING	
Number of Charging Ports	2
Charging Method	USB
Charging Method Detail	**USB-A**: 5V, 2.1A**USB-C**: 5V/3A, 9V/2A, 12V/1.5A, 18W (max)
Charging Port Type	(1) USB A (FEMALE); (1) USB C (FEMALE)
Charging Ports / Amps	(1) 2.1A; (1) 3A / 2A / 1.5A
PHYSICAL	
Material of Construction	Aluminum, Steel, ABS
Cooling Method	Temperature Controlled Fans
Form Factors Supported	Horizontal floor, wall mounting (AC Output or DC Input side should never be facing vertically)
Housing Color	Black; Blue
Receptacle Color	Black
Shipping Dimensions (hwd / in.)	5.70 x 10.40 x 17.20
Shipping Dimensions (hwd / cm)	14.48 x 26.42 x 43.69
Shipping Weight (lbs.)	10.30
Shipping Weight (kg)	4.67
Unit Dimensions (hwd / in.)	4.100 x 8.300 x 14.500
Unit Dimensions (hwd / cm)	10.5 x 21 x 37.084
Unit Weight (lbs.)	9.03
Unit Weight (kg)	4.10
ENVIRONMENTAL	
Relative Humidity	0-95% (non-condensing)
Operating Temperature	32° to 104° F (0° to 40° C), Ideal ambient operating temperature range 5° to 77° F (-15° to 25° 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	FCC (USA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty
Optional Coverage	1-year, 2-year, 3-year extended warranty options available

1000 Eaton Boulevard
Cleveland, OH 44122
United States
https://tripplite.eaton.com

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