2000W Light-Duty Compact Power Inverter - 2x 5-15/20R, USB Charging, Pure Sine Wave, Wired Remote

MODEL NUMBER: **PINV2000SWL-120**









Converts 12V DC power into 110V AC power for operating computers and other electronics while traveling or working at remote locations that lack AC power.

Features

Industrial-Grade 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 2000W 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 PINV2000SWL-120's DC input terminals and the positive and negative terminals on your vehicle's battery. An LCD displays capacity, voltage, frequency, current and fault information.

GFCI-Protected AC Outlets Provide Portable Power for Your Mobile Applications
This heavy-duty 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 2000W and a peak surge output of 4000W. 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. Both outlets feature OSHA-compliant GFCI (Ground Fault Circuit Interrupter) protection to shield you from electrical hazards due to excessive fault current.

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 PINV2000SWL-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 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

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 5-15/20R GFCI outlets deliver 2000W continuous/4000W peak output
- 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

- PINV2000SWL-120 2000W Light-Duty Compact Power Inverter
- (4) DC battery cables with ring terminals, 18 in. (45.7 cm)
- Ground wire with clamp
- PINVSWRM wired remote kit
- Mounting hardware
- Owner's manual

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
The industrial power inverter's 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	037332266750
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
Output Receptacle Details	The two GFCI protected outlets accept 15A or 20A equipment plugs.
Pure Sine Wave Output	Yes
Output AC Waveform (Battery Mode)	Sine wave
Nominal Output Voltage(s) Supported	110V
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	60Hz (+/- 3Hz)
Overload Protection	Supports loads up to 2300W for 1 min. 4000W peak for 0.5 sec.
Output Voltage (VDC)	5V (USB-A), 5V / 9V / 12V (USB-C)
BATTERY	
Expandable Runtime	No
Expandable Battery Runtime	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	Single multi-color status LED for operation (Green) and fault conditions (RED), GFCI protection status LED (Green); PINVRM connection status LED (Green); GFCI status LEDS (Green)
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	
Charging Port Type	(1) USB A (FEMALE); (1) USB C (FEMALE)
Charging Ports / Amps	(1) 2.1A; (1) 3A / 2A / 1.5A
PHYSICAL	
Color	Black; Blue
Material of Construction	Aluminum, Steel
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	White
Shipping Dimensions (hwd / in.)	6.20 x 12.50 x 19.60
Shipping Dimensions (hwd / cm)	15.75 x 31.75 x 49.78
Shipping Weight (lbs.)	14.20
Shipping Weight (kg)	6.44
Unit Dimensions (hwd / in.)	4.000 x 9.800 x 15.400
Unit Dimensions (hwd / cm)	11.684 x 26.60 x 36.58
Unit Weight (lbs.)	12.19
Unit Weight (kg)	5.53
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 Part 15 Class B (USA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty
Optional Coverage	1-year, 2-year, 3-year extended warranty options available

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