



Provides continuous 1000 watts of pure sine wave AC power from a DC source

Offering superior quality true sine wave output, the MASTERSine™ PXA1000 stand-alone inverter is ideally suited for electrical systems that already have a quality multistage battery charger. Designed for recreational and household applications, its 120-volt, 60 Hz AC power output is capable of handling both heavy duty and smaller, multiple AC loads.

MASTERSine™ inverters include a backlit Microprogrammed Control Unit LED display panel and a wired remote controller which can be mounted separately.

### Product Features

- ▶ 1000 watt inverters (2000 watt surge capability)
- ▶ True/Pure sine wave AC output
- ▶ Built-in MCU LED display for monitoring
- ▶ A wired remote controller which can be mounted separately
- ▶ New design DC terminals offer high current DC input (hooked securely)
- ▶ Four standard North America AC receptacles and Dual USB ports
- ▶ One year limited warranty

### Protection Features

- ▶ Over temperature shutdown and automatic overload protection
- ▶ Over voltage and under voltage protection
- ▶ Short circuit protection

### Ultra-clean true sine wave power

- ▶ With less than 3% total harmonic distortion, MASTERSine PXA1000 inverter delivers true sine wave output that is identical to AC power supplied by your utility. This clean output makes MASTERSine inverters ideal for handling sensitive loads and improves AC equipment performance. Expect trouble free true sine wave electricity for televisions, audio systems, variable speed tools, and more.

### Light and compact

- ▶ MASTERSine inverters are lighter and more compact than other inverters with similar power ratings because they use high-frequency switching technology in the power conversion process.

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**MASTERSine PXA1000 Watt Pure Sine Wave Inverter**

**Electrical Specifications**

Output power(continuous)	1000 W
Maximum Active Surge Rating (less than 1sec)	2000 W
AC Output current (maximum)	15 A
AC Output voltage (at no load)	120 Vac +/-3V
Output voltage (over full load and battery voltage range)	120 Vac RMS -10%/+4%
Output frequency	60Hz +/-1Hz
Output waveform	True/Pure sine wave (<3% THD)
Peak efficiency (12 V/24 V)	86% / 89%
No load current draw (DC side)	<0.6 A
DC input current at Max Load	100A
Input voltage range (12 V/24 V)	10.5 — 15 Vdc / 20 — 32 Vdc
Low input voltage warning alarm	10.5Vdc +/- 0.3Vdc
Low input voltage shutdown	10.0Vdc +/- 0.3Vdc
High input voltage warning alarm	14.5Vdc +/- 0.3Vdc
High input voltage shutdown	15.0Vdc +/- 0.3Vdc

**General Specifications**

Operating temperature range	32° F — 104° F (0° C — 40° C)
Storage temperature range	-26° F — 158° F (-30° C — 70° C)
AC output types	Four North America Standard receptacles
MCU LED display panel	Built-in (Displays DC volts, amps and output power ,etc.)
Recommended DC fuse	12 V: 125 A or 150 A 24 V: 60 A or 80 A
Dimensions (H x W x D)	3.94 x 8.86 x 9.84" (100 x 225 x 250mm)
Weight	8.3 lb (3.8 kg)
Warranty	One year
Model Number	PXA1000PSW
USB charging ports	Dual (5V,4.2A)
Remote Control	Wired Remote Control (9.8ft)
Ventilation Coolers	Dual Cooling Fans (Thermal-controlled)
Input DC Terminals	Nut and Bolt (M9)
DC input wires	One Positive + One Negative (3.28ft, 5AWG)

Note: Specifications subject to change without notice.