

TECHNICAL SPECIFICATIONS

SL1204

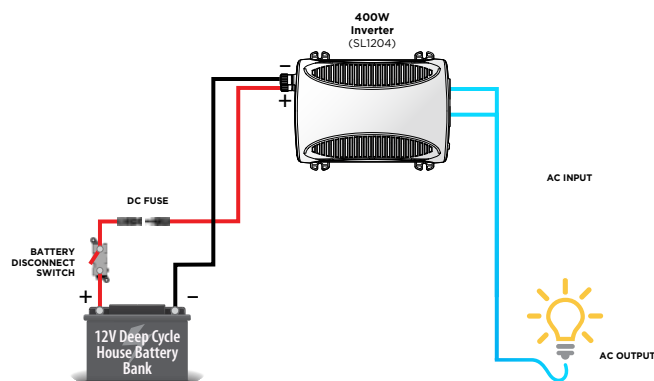
120 VAC Series
400W True Sine Wave Inverter



Product features

- True sine wave output for sensitive electronics.
- Low battery shutdown prevents total battery discharge.
- Built in LED display for battery status and load measurement.
- Over temperature shutdown.
- USB port for charging USB devices.
- Compact size for easy storage.
- Silent operation.

System diagram



Product dimensions

Width: 5.2", Length: 7.9", Height: 3.5" (175mm x 201mm x 89mm)
Base width: 175mm

Available output socket



USA / CAN

Specifications subject to change without notice.

SL1204

120 VAC Series
400W True Sine Wave Inverter

AC Output

Power (Continuous)	400W
Power (Peak)	800W
Voltage/Frequency	120VAC / 60 Hz
Current	3.3A
Waveform	True Sinewave (<3% THD)
Peak Efficiency	89%
AC Receptacle	NEMA 5-15

DC Output

5V USB	Not Applicable
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DC Input

Voltage (nominal)	12.5Vdc
Operation Range	10.5 - 15.5Vdc
Inverter Standby Current (no load)	<0.8A
Current (full load)	38A

Protection

Input Undervoltage Warning	11.2Vdc
Input Undervoltage Shutdown	10.5Vdc
Input Undervoltage Recovery	11.8Vdc
Input Overvoltage Shutdown	15.5Vdc
Output Power Warning	Not Applicable
Output Power Shutdown	Yes
Output Short Circuit	Yes
Temperature Warning	Not Applicable
Temperature Shutdown	Yes

Display Panel

LED Indicator	Power, Fault
Ignition Start	Use Ignition Start Port

Operating Temperature

Storage Range	-40° to 70° C (-40° to 158° F)
Operating Range	-20° to 60° C (-4° to 140° F) derated linearly from 40° to 60° C (104° to 140° F)

Regulatory Compliance

Markings	cETLus
Conformance	UL & CSA Standards (UL458/CSA C22.2 No. 107.2-01)
EMI/EMC	FCC Part 15 Class B

Available output socket

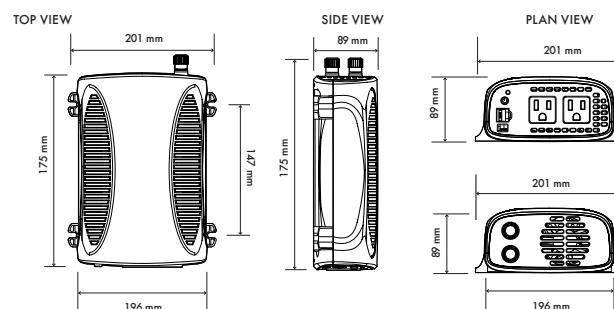


USA / CAN

Enclosure

Dimensions (W x L x H)	7.9" x 5.2" x 3.5" (201mm x 175mm x 89mm)
Net Weight	3.8 lbs. / 1.1 Kg
Accessory	Lighter Plug and Battery Clips

Schematic Drawings



Standard warranty

1 year warranty



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