

TECHNICAL SPECIFICATIONS

SW1220 120 VAC Series 2000W 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.
- GFCI outlets for safe operation.
- USB port for charging USB devices.
- Compact size for easy storage.
- Silent operation.

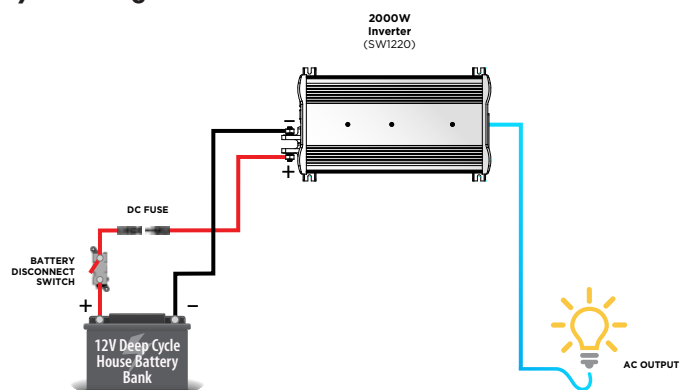
Product dimensions

Width: 6.8", Length: 9.2", Height: 3.5" (173mm x 233mm x 89mm)
Base width: 230mm

Specifications subject to change without notice.

kisaepower.com

System diagram



Available output socket



USA / CAN

SW1220

120 VAC Series
2000W True Sine Wave Inverter

AC Output

Power (Continuous)	2000W
Power (Peak)	4000W
Voltage/Frequency	120VAC / 60 Hz
Current	16.6A
Waveform	True Sinewave (<3% THD)
Peak Efficiency	89%
AC Receptacle	NEMA 5-20 (GFCI)

DC Output

5V USB	2.1A
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DC Input

Voltage (nominal)	12.5Vdc
Operation Range	10.5 - 15.5Vdc
Inverter Standby Current (no load)	<1.2A
Current (full load)	187A

Protection

Input Undervoltage Warning	11.2Vdc
Input Undervoltage Shutdown	10.5Vdc
Input Undervoltage Recovery	11.8Vdc
Input Overvoltage Shutdown	15.5Vdc
Output Power Warning	Warning Code
Output Power Shutdown	Shutdown Code
Output Short Circuit	Shutdown Code
Temperature Warning	Warning Code
Temperature Shutdown	Shutdown Code

Display Panel

LED Indicator	Status
LED Digital Display	Input Voltage, Output Power, Warning, Error Code
Remote Port	Yes (RJ12)
Remote Panel	Optional (for ON/OFF use)
Ignition Start	Use Remote 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
(GFCI and Breaker Protected)

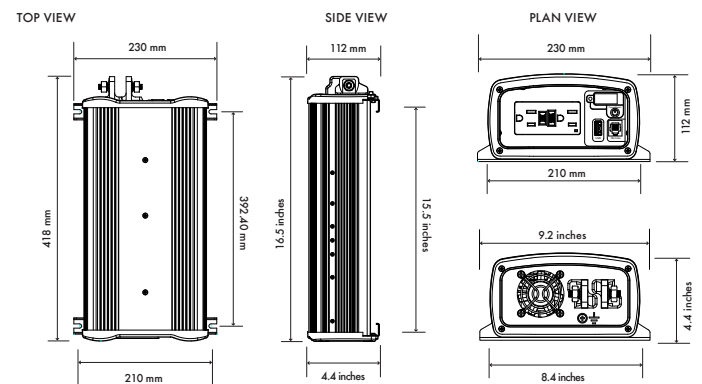
Accessories (optional)

Remote ON/OFF switch	RM1201-00
Ignition Start Cable	ISO1

Enclosure

Dimensions (L x W x H)	16.5" x 9.2" x 4.4" (418mm x 230mm x 112mm)
Net Weight	11.5 lbs. / 5.2 Kg
Accessory	Not Applicable

Schematic Drawings



Standard warranty

1 year warranty



This product carries a cETLus safety certification which complies with the Regulatory safety standards for North America.

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