

## TECHNICAL SPECIFICATIONS

### SW1210 120 VAC Series 1000W 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.

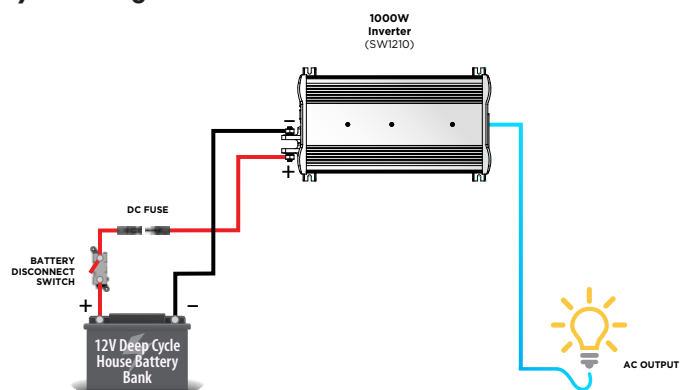
#### Product dimensions

Length: 9.2", Width: 6.8", Height: 3.5" (233mm x 173mm x 89mm)  
Base width: 6.9" (175mm)

Specifications subject to change without notice.

[kisaepower.com](http://kisaepower.com)

#### System diagram



#### Available output sockets



USA / CAN



HARDWIRE

## SW1210

120 VAC Series  
1000W True Sine Wave Inverter

### AC Output

|                    |                         |
|--------------------|-------------------------|
| Power (Continuous) | 1000W                   |
| Power (Peak)       | 2000W                   |
| Voltage/Frequency  | 120VAC / 60 Hz          |
| Current            | 8.3A                    |
| Waveform           | True Sinewave (<3% THD) |
| Peak Efficiency    | 89%                     |
| AC Receptacle      | NEMA 5-15 (GFCI)        |

### DC Output

|        |      |
|--------|------|
| 5V USB | 2.1A |
|--------|------|

### DC Input

|                                    |                |
|------------------------------------|----------------|
| Voltage (nominal)                  | 12.5Vdc        |
| Operation Range                    | 10.5 - 15.5Vdc |
| Inverter Standby Current (no load) | <1.2A          |
| Current (full load)                | 94A            |

### 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 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)<br>derated linearly from<br>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 sockets



USA / CAN HARDWIRE  
(GFCI & Breaker Protected)

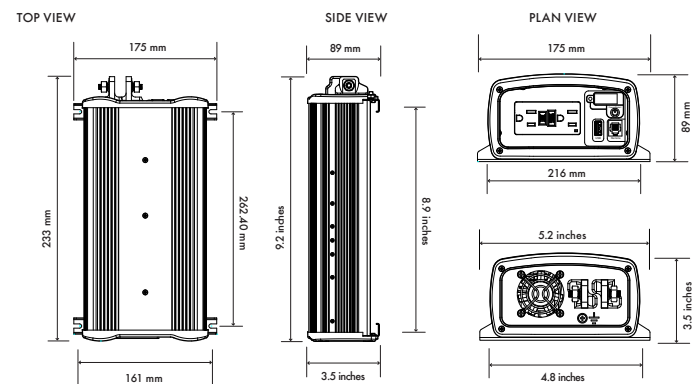
### Accessories (optional)

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

### Enclosure

|                        |   |
|------------------------|---|
| Dimensions (L x W x H) | 9.2" x 6.8" x 3.5" (233mm x 175mm x 89mm) |
| Net Weight             | 6.0 lbs. / 2.1 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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