

Specifications

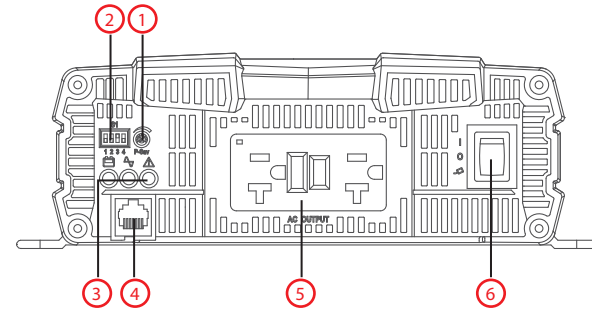
Note: Both 12V and 24V inverter specifications are listed below.

	GP-ISW700	GP-ISW1000	GP-ISW1500	GP-ISW2000	GP-ISW3000
Continuous Output Power	700 W (VA)	1000 W (VA)	1500 W (VA)	2000 W (VA)	3000 W (VA)
Maximum Surge Rating	1230 W (VA)	1750 W (VA)	2650 W (VA)	3500 W (VA)	6000 W (VA)
Output Waveform	Pure Sine Wave				
Output Voltage Range ± 3%	100 - 120 VAC (Dip Switch Selectable)				
Input Voltage	12 V: 10.5 - 16.5 VDC 24 V: 21 - 33 VDC				
Efficiency	12 V: 91% 24 V: 93%	12 V: 92% 24 V: 93%	12 V: 91% 24 V: 92%	12 V: 92% 24 V: 93%	12 V: 90% 24 V: 91%
No Load Current Draw / Powersave	12 V: ≤ 1.5 A / < 0.1 A 24 V: ≤ 0.8 A / < 0.06 A	12 V: ≤ 1.5 A / < 0.1 A 24 V: ≤ 0.8 A / < 0.06 A	12 V: ≤ 1.8 A / < 0.1 A 24 V: ≤ 1.0 A / < 0.05 A	12 V: ≤ 1.8 A / < 0.1 A 24 V: ≤ 1.0 A / < 0.05 A	12 V: ≤ 3.8 A / < 0.4 A 24 V: ≤ 2.0 A / < 0.2 A
Input Protection	Over/Under Voltage, Reverse Polarity (Fused)				
Output Protection	Short Circuit, Overload, Over/Under Temperature				
Low Battery Alarm ± 0.3 V (± 0.5 V for 24 V inverters)	12 V: 10.5 V 24 V: 21 V				
Low Battery Shutdown ± 0.3 V (± 0.5 V for 24 V inverters)	12 V: 10.5 V 24 V: 21 V				
Operating Temperature Range	-4° F - 104° F (-20° C - 40° C)				
Storage Temperature Range	-22° F - 158° F (-30° C - 70° C)				
Cooling	Temperature and Load Controller Cooling Fan				
AC Output Connections	Dual GFCI Outlet				
Remote Power Option	Yes				
Dimensions (L x W x H)	13.00 x 7.87 x 3.27" (330 x 200 x 83 mm)	14.65 x 7.87 x 3.27" (372 x 200 x 83 mm)	16.59 x 9.76 x 3.27" (421 x 248 x 83 mm)	17.45 x 9.76 x 3.27" (443 x 248 x 83 mm)	17.40 x 10.04 x 6.22" (442 x 255 x 158 mm)
Weight	5.73 lbs (2.6 kg)	7.19 lbs (3.26 kg)	9.13 lbs (4.14 kg)	11.55 lbs (5.24 kg)	18.08 lbs (8.2 kg)
Warranty	2 Years				
Inverter Install Kits	GP-DC-KIT2				
Remotes (Optional)	12 V: GP-DC-KIT3 24 V: GP-DC-KIT2				
Regulations and Safety	GP-ISW-R / GP-SWR-A UL 458, FCC Part 15 Class B				

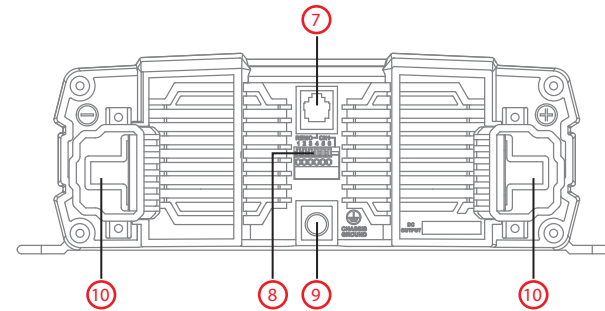


GP-ISW Series Pure Sine Wave Inverter Quick Start Guide

ISW 700, 1000, 1500, 2000, 3000



- ① Saving power adjustment
- ② Function switch
- ③ Function LED
- ④ TRC port (RJ-45)
- ⑤ AC output socket
- ⑥ Main switch



- ⑦ Remote port (RJ-11)
- ⑧ Remote control green terminal
- ⑨ Chassis ground
- ⑩ DC input connector

	<p>Do not open or disassemble the Inverter. Attempting to do so may cause risk of electrical shock or fire.</p> <p>We guarantee this product against defects in materials and workmanship for a period of 24 months from the date of purchase. In case you need to repair or replace any defective power inverters, please contact your local Go Power! distributor.</p> <p>This warranty will be considered void if the unit has been misused, altered, or accidentally damaged. Go Power! is not liable for anything that occurs as a result of the user's fault.</p>
	<p>Please read the Owner's Manual BEFORE connecting to the supply.</p> <p>You can view and download the manual at https://gpelectric.info/ISWManual</p>

Find tech tips, manuals and support at gpelectric.com

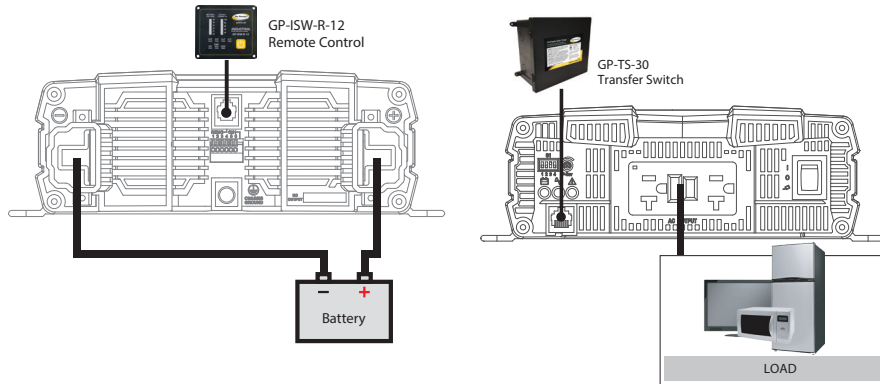
Installation and Wiring - Overview

The GP-ISW should be located as close to the batteries as possible but not within the same compartment. The length and size of the DC Cables will affect performance. Long DC wires tend to lose efficiency and reduce the overall performance of the Inverter/Charger.

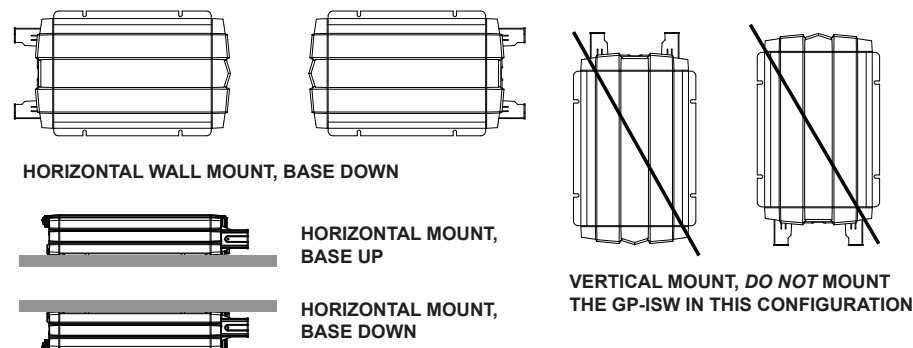
For optimum Inverter performance the GP-ISW must be installed so the front and rear air vents are not blocked or obstructed in any way. Do not install the GP-ISW in an area with limited air flow. Allow as much space around the Inverter as possible, leaving at least 4 inches of airspace clearance around all ventilation areas.

Tools and Materials Needed

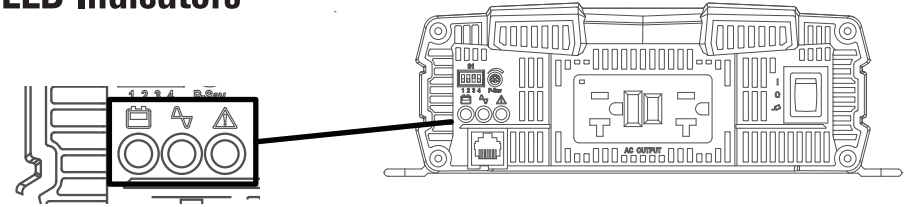
- Flathead Screwdriver (for wire terminals)
- Philips Screwdriver (for mounting screws)



Mounting Orientations



LED Indicators



Input Voltage Level

LED Status	DC 12V	DC 24V
Red	< 11.0V	< 22.0V
Orange	11.0 ~ 11.5V	22.0 ~ 23.0V
Green	11.5 ~ 15.0V	23.0 ~ 30.0V
Orange	15.0 ~ 15.5V	30.0 ~ 31.0V
Red	< 15.5V	> 31.0V

Input Voltage Level

LED Status	Status	Recovery Point
Green	Normal	
Red	Over Current Protection/ Over Load Protection (AC output short-circuit and over load)	
Red Blink	Under Voltage Protection/ (Input DC voltage under spec)	12.5V @ DC12V System 25V @ DC24V System
Red Fast Blink	Over Voltage Protection (Input DC voltage over spec)	14.5V @ DC12V System 29V @ DC24V System
Orange	Device startup process abnormal	-
Orange Fast Blink	Under Temperature Protection/ (Heat sink temp. under -20°C)	> 0°C (Heat sink temperature)
Orange Slow Blink	Over Temperature Protection (Heat sink temp. over 80°C)	< 60°C (Heat sink temperature)

See user manual for complete instructions at gpelectric.com