



## Product Introduction

The GP-ISW series Pure Sine Wave Inverters offer premium AC power in a sleek, lightweight profile. They supply reliable power for sensitive electronic loads demanding an exact replica of AC power. Sizes range from 700 to 3000 watts for almost any off-grid application and eliminate generator noise by using batteries to power TVs, charge laptops, and other critical AC loads.

## Product Features and Functions

- Produces an exact replica of AC power for optimal performance
- Runs any device in wattage range without interference
- Durable, low profile design
- Powersave mode
- Dual GFCI outlets
- Wide voltage range
- Full overload protection
- 2-year warranty



## Technical Data

### Common Specifications for all GP-ISW Series Inverters

Output Waveform	Pure Sine Wave
Output Voltage $\pm$ 3%	100-120VAC (DIP Switcho Selectable)
Input Voltage	12V: 10.5-16.5 VDC 24V: 21.0-33.0 VDC
Protection	Overload, Short Circuit, Reverse Polarity (Fused), Over/Under Input Voltage, Over/Under Temperature
Low Battery Alarm $\pm$ 2%	24V: 10.5 VDC 12V: 21.0 VDC
Low Battery Shut-Down $\pm$ 2%	12V: 10.5 VDC 24V: 21.0 VDC
Operating Temperature Range	-4°F - 104°F (-20 - 40°C)
Storage Temperature Range	-22°F - 158°F (-30°C - 70°C)
Cooling	Temperature and Load Controller Cooling Fan
Remote Port Option	Yes...Compatible with: GP-ISW-R, GP-SWR-A, CMLsolid, CXNsolid, and CXN-MPPT
Warranty	2 Years

## Model-Specific Specifications

Type	GP-ISW-700 12/24V	GP-ISW-1000 12/24V	GP-ISW-1500 12/24V	GP-ISW-2000 12/24V	GP-ISW-3000 12/24V
Continuous Output Power	700W	1000W	1500W	2000W	3000W
Surge Rating	1230W	1750W	2650W	3500W	6000W
Efficiency	12V: 91% 24V: 93%	12V: 92% 24V: 93%	12V: 91% 24V: 92%	12V: 92% 24V: 93%	12V: 90% 24V: 91%
No Load Current Draw	12V: $\leq$ 1.5A 24V: $\leq$ 0.8A	12V: $\leq$ 1.5A 24V: $\leq$ 0.8A	12V: $\leq$ 1.8A 24V: $\leq$ 1.0A	12V: $\leq$ 1.8A 24V: $\leq$ 1.0A	12V: $\leq$ 3.8A 24V: $\leq$ 2.0A
Powersave	12V: $<$ 0.1A 24V: $<$ 0.06A	12V: $<$ 0.1A 24V: $<$ 0.06A	12V: $<$ 0.1A 24V: $<$ 0.05A	12V: $<$ 0.1A 24V: $<$ 0.05A	12V: $<$ 0.4A 24V: $<$ 0.2A
AC Receptacle	Dual GFCI	Dual GFCI	Dual GFCI	Dual GFCI	Hardwire
Dimensions (L x W x H) mm	330 x 200 x 83	372 x 200 x 83	421 x 248 x 83	443 x 248 x 83	442 x 255 x 158
Dimensions (L x W x H) in	13.00 x 7.87 x 3.27"	14.65 x 7.87 x 3.27"	16.59 x 9.76 x 3.27"	17.45 x 9.76 x 3.27"	17.4 x 10.04 x 6.22"
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)