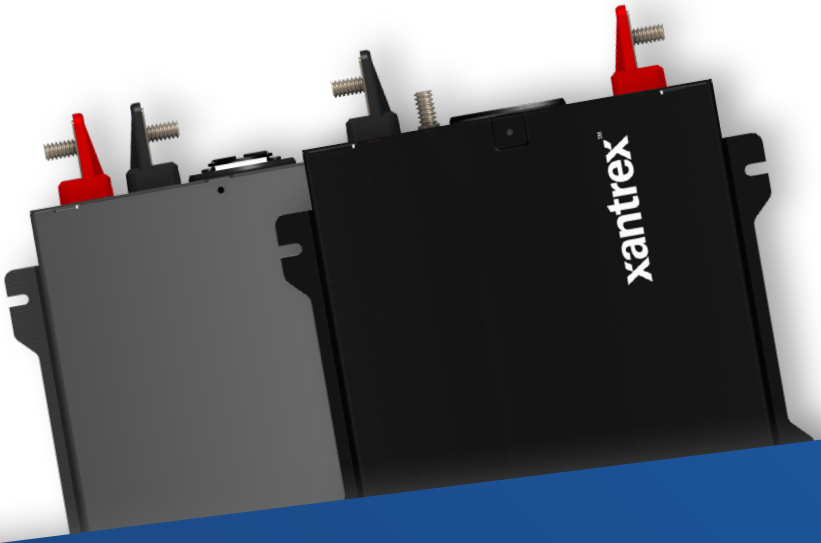
xantrex™
A MISSION CRITICAL ELECTRONICS BRAND

PROwatt SW INVERTER DATASHEET



AVAILABLE IN:
12 V ⎓
600 W
1000 W
2000 W

TRUE SINE AC POWER IN A COMPACT AND AFFORDABLE PACKAGE

The PROwatt SW Inverter is a low profile true sine wave inverter that packs big power in a small package at a great price. These inverters are compatible to add to solar power systems. They are perfect for installation in your travel trailer, tent trailer, or coach, capable of powering CPAP machines, electronics, entertainment systems and many other power loads.

When equipped with the PROwatt SW Remote Panel (808-9001), the PROwatt SW Series has the ability to provide automatic ignition lockout shutting down the inverter's output when the vehicle's ignition is not engaged.

- Exceptional full rated performance in all climate temperatures
- True sine wave output for sensitive and motor loads
- Ignition control feature turns inverter on/off via 12 Vdc signal[1]

APPLICATIONS:

H.A.L.T.

ETL listed to CSA Standard C22.2 No. 107.1 and UL 458* with Marine supplement
*For marine supplement compliance drip shield in specific mounting orientation is required. See installation guide.

2 YEAR WARRANTY

www.xantrex.com
CUSTOMER CARE: 1.800.670.0707

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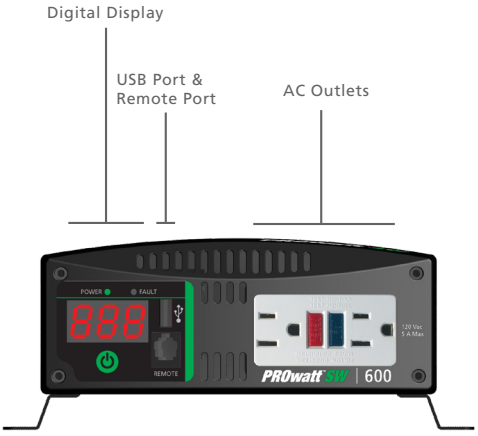
V3 01.01.2024

[1]PROwatt SW Remote Panel (808-9001) required

TOP VIEW



SIDE VIEW

INVERTER FEATURES

- Digital display of output power and DC volts
- Built-in USB port to power USB-powered devices
- Optional on/off Remote Control Panel
- Automatic AC transfer function and hardwire through the optional Transfer Switch
- Senses when outside AC Power is present and transfers the load from the inverter to the source of incoming power
- Heavy duty terminals for trouble-free battery connection

PROTECTION FEATURES

- Low voltage shutdown (10.0 Vdc)
- Low voltage alarm (10.7 Vdc)
- Over voltage protection (15.0 Vdc)
- Overload shutdown
- Over temperature shutdown
- GFCI protection (PROwatt SW 600, 1000, 2000)

PROwatt SW ACCESSORIES

PROwatt SW Remote Panel
(808-9001)

PROwatt SW 15 A Transfer Relay
(808-0915)

ELECTRICAL SPECS - INVERTER

	PROwatt SW 600	PROwatt SW 1000	PROwatt SW 2000
Continuous Power	540 W	900 W	1800 W
Surge Capacity (peak)	1200 W	2000 W	3000 W
DC Input	12 Vdc (nominal)	12 Vdc (nominal)	12 Vdc (nominal)
AC Output Frequency	60 ±0.5 Hz	60 ±0.5 Hz	60 ±0.5 Hz
AC Output Voltage Range	104–127 Vac	104–127 Vac	104–127 Vac
USB Output	5 V / 500 mA	5 V / 500 mA	5 V / 500 mA
Output Waveform	True Sine Wave	True Sine Wave	True Sine Wave
Optimum Efficiency	90%	90%	90%
No Load Current Draw	< 0.6 A	< 0.6 A	< 0.6 A
Input Voltage Range	10.5–15.5 Vdc	10.5–15.5 Vdc	10.5–5.5 Vdc

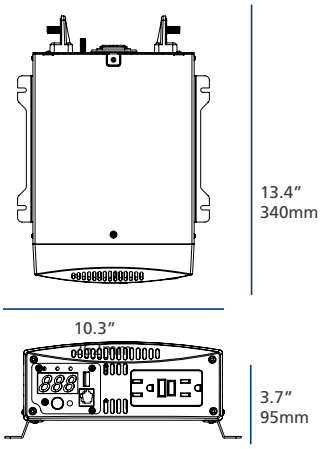
GENERAL SPECS

	PROwatt SW 600	PROwatt SW 1000	PROwatt SW 2000
Operating Temperature Range	32°F–104°F (0°C–40°C)	32°F–104°F (0°C–40°C)	32°F–104°F (0°C–40°C)
AC Receptacle	Dual GFCI	Dual GFCI	Dual GFCI
USB Receptacle	Single port (Type A)	Single port (Type A)	Single port (Type A)
DC Connection	Hardwire	Hardwire	Hardwire
Recommended DC Fuse	150 A	150 A	250 A
Digital Display	DC Voltage AC output power and error codes	DC Voltage AC output power and error codes	DC Voltage AC output power and error codes
Part Number	806-1206	806-1210	806-1220
L x W x H (without flanges)	3.5 x 8.7 x 12.2” (89 x 220 x 310 mm)	3.5 x 8.7 x 13.4” (89 x 220 x 339 mm)	3.9 x 11.8 x 13.7” (100 x 299 x 348 mm)
Net Weight	6.5 lb (3.0 kg)	7.2 lb (3.3 kg)	10.7 lb (4.9 kg)

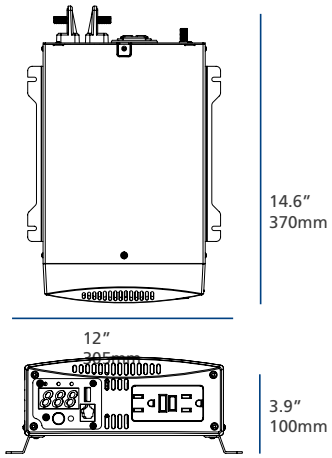
REGULATORY APPROVALS

	PROwatt SW 600, 1000, 2000
Safety	UL458 with marine supplement 01 (R2006) - General Use Power Supplies. CSA 107.1
EMC	FCC Part 15, Class A

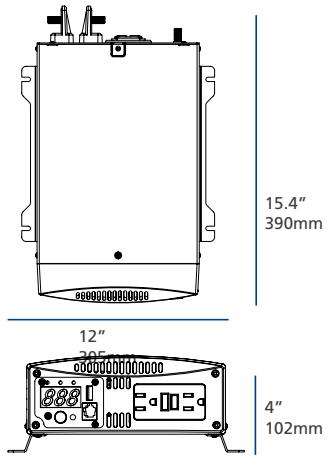
PROwatt SW 600 DIMENSIONS



PROwatt SW 1000 DIMENSIONS



PROwatt SW 2000 DIMENSIONS



ACCESSORIES

Mfg Part #	Description
808-9001	Remote panel with 25' remote cable
31-6262-00	50' remote cable
808-0915	Automatic Remote AC Transfer Switch

CONTACT

CUSTOMER SERVICE
1.800.670.0707
customerservice@xantrex.com
Hours of operation:
6:30am - 4:30pm PST, Monday to Friday

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