



BrightSun
Power Corporation

Provides 600, 1000 and 2000 watts of True Sine-Wave AC Power

The PROwatt SW Series feature True Sine-Wave AC output with 600, 1000 and 2000 watts respectively. With high surge capability, the PROwatt SW Series provides the necessary current to startup demanding electrical loads. In addition to dual GFCI AC receptacles, the PROwatt SW Series include an innovative USB connection for providing power to most USB chargeable devices. The PROwatt SW Series offers many safety features not found in similar inverters. When equipped with a remote control, 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.

The compact, easy-to-use and easy-to-install design of the PROwatt SW Series makes it ideal for use in commercial truck, RV and marine applications. With True Sine-Wave output, the PROwatt SW Series can provide power for all types of electrical loads including, variable speed power tools, advanced electrical appliances, microwaves and much more. The PROwatt SW provides household AC power anywhere.

Product Features

- ▶ 600 / 1000 / 2000 watts maximum, 1200 / 2000 / 3000 watt surge capability
- ▶ Built-in digital display for DC volts and output power
- ▶ Built-in USB port
- ▶ Dual GFCI AC receptacles for safe operation
- ▶ Heavy duty terminals for trouble-free battery connection
- ▶ Available ON/OFF remote switch (with ignition lockout)
- ▶ Two year warranty

Protection Features

- ▶ Low voltage shutdown (10.5 Vdc)
- ▶ Low voltage alarm (11.0 Vdc)
- ▶ Over voltage protection (15.5 Vdc)
- ▶ Overload shutdown
- ▶ Over temperature shutdown
- ▶ GFCI protection

PROwatt™ SW

600 W
1000 W
2000 W



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PROwatt SW 600, 1000 and 2000

Electrical Specifications

Model	PROwatt SW 600	PROwatt SW 1000	PROwatt SW 2000
Maximum AC power	600 W	1000 W	2000 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 ±0.05 Hz	60 ±0.05 Hz	60 ±0.05 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	< 0.8 A
Input voltage range	10.5 - 15.5 Vdc	10.5 - 15.5 Vdc	10.5 - 15.5 Vdc

General Specifications

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 & error codes	DC voltage, AC output power & error codes	DC voltage, AC output power & error codes
Dimensions (H x W x L)	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)
Weight	6.5 lb (3.0 kg)	7.2 lb (3.3 kg)	10.7 lb (4.9 kg)
Warranty	Two year	Two year	Two year
Part number	806-1206	806-1210	806-1220

Accessories

Remote panel with 25' remote cable	808-9001
50' remote cable	31-6262-00

Regulatory Compliance

UL458 – 5th Edition - Power Converters/Inverters and Power Converter/Inverter Systems for Land Vehicles and Marine Crafts

CSA 107.1-01 (R2006) - General Use Power Supplies

EMC: FCC Part 15, Class A

Packaging Specifications

Retail package	PROwatt SW 600	PROwatt SW 1000	PROwatt SW 2000
Dimensions (H x W x L)	5.8 x 9.9 x 14.6" (14.7 x 25.2 x 37.0 cm)	5.8 x 9.9 x 14.6" (14.7 x 25.2 x 37.0 cm)	5.9 x 13.6 x 15.6" (15.0 x 34.5 x 39.7 cm)
Count	1	1	1
Weight	7.4 lb (3.3 kg)	8.2 lb (3.7 kg)	12.2 lb (5.5 kg)
UPC Number	715535894061	715535894146	715535894221
Master carton			
Dimensions (H x W x L)	17.9 x 30.2 x 44.3" (45.4 x 76.9 x 112.3 cm)	17.9 x 30.2 x 44.3" (45.4 x 76.9 x 112.3 cm)	18.2 x 41.3 x 47.3" (46.3 x 104.8 x 120.4 cm)
Count	3	3	3
Weight	23.7 lb (10.6 kg)	26.1 lb (11.8 kg)	38.1 lb (17.2 kg)

Note: Specifications subject to change without notice.

