

# 120 Watt Pure Sine Wave Inverter SLI-PST-120-12

This high efficiency DC-AC inverter converts 12 Volts DC to 120 watts of pure sine-wave AC power at 120 Volts, 60 Hz. Product features a slim, low-profile design, quiet operation and a USB charging port for peripheral electronics. Electrical features include overload protection, low battery alarm / shut down, external, replaceable fuse and low idle power draw of less than 0.5 Amps. Safety listed by ETL, this device is approved for use in hospitals and applications requiring UL60601 compliance. The unit comes with a cigarette lighter cord-set with plug.

[Product Manual](#)

[Samlex Specifications](#)

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# 150 Watt Pure Sine Wave Inverter SLI-PST-15S-12A

This high efficiency DC-AC inverter converts 12 Volts DC to 150 watts of pure sine-wave AC power at 120 Volts, 60 Hz. The unit comes with a cigarette lighter plug. Features include overload protection, low battery alarm / shut down, low idle power draw of less than 0.5 Amps. AC power is available from a single NEMA 5-15R receptacle on the front panel.

[Product Manual](#)

[Product Specifications](#)

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# **300 Watt Pure Sine Wave Inverter SLI-PST-300-12**

This high efficiency DC-AC inverter converts 12 Volts DC to 300 Watts of pure sine-wave AC power at 120 Volts, 60 Hz. The unit comes with detachable cable with 12V plug adaptor and cable with battery clamps. Features include overload protection, low battery alarm / shut down, low idle power draw of less than 0.5 Amps. AC power is available from a NEMA-20R GFCI duplex outlet on the front panel. Safety certified to UL standards.

[Product Manual](#)

[Product Specifications](#)

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# **600 Watt Pure Sine Wave Inverter SLI-PST-600-12**

This high efficiency DC-AC inverter converts 12 Volts DC to 600 Watts of pure sine-wave AC power at 120 Volts, 60 Hz. The unit comes with pin-type battery cable lugs. Features include built-in electronic GFCI, overload protection, low battery alarm / shut down, low idle power draw of less than 0.5 Amps. AC power is available from a NEMA-20R GFCI duplex outlet on the front panel. Safety certified to UL standards.

[Product Manual](#)

[Product Specifications](#)

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## **1000 Watt Pure Sine Wave Inverter SLI-PST-1000-12**

This high efficiency DC-AC inverter converts 12 Volts DC to 1000 Watts of pure sine-wave AC power at 120 Volts, 60 Hz. The unit comes with pin-type battery cable lugs. Features include overload protection, low battery alarm / shut down, low idle power draw of less than 0.85 Amps. AC power is available from a NEMA-20R GFCI duplex outlet on the front panel. Safety certified to UL standards.

[Product Manual](#)

[Product Specifications](#)

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## **1500 Watt Pure Sine Wave Inverter SLI-PST-1500-12**

This high efficiency DC-AC inverter converts 12 Volts DC to 1500 Watts of pure sine-wave AC power at 120 Volts, 60 Hz. The unit comes with pin-type battery cable lugs or can be hard-wired. Features include overload protection, low battery alarm / shut down, low idle power draw of less than 1 Amp. AC power is available from a NEMA-20R GFCI duplex outlet on the front panel. Safety certified to UL standards.

[Product Manual](#)

[Product Specifications](#)

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## **2000 Watt Pure Sine Wave Inverter SLI-PST-2000-12**

This high efficiency DC-AC inverter converts 12 Volts DC to 2000 Watts of pure sine-wave AC power at 120 Volts, 60 Hz. The unit comes with pin-type battery cable lugs. Features include overload protection, low battery alarm / shut down, low idle power draw of less than 1 Amp. AC power is available from a NEMA-20R GFCI duplex outlet on the front panel. Safety certified to UL standards.

[Product Manual](#)

[Product Specifications](#)

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## **Remote Control for PST-600 and PST-1000 Inverters SLI-RC-15A**

Optional remote control for use with PST Series 600 and 1000 Watt inverter models.

[Product Manual](#)

[Product Specifications](#)

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# **Remote Control for PST-1500-12 and PST-2000-12 Inverters SLI-RC-200**

Optional wired remote control for use with PST Series 1500 and 2000 Watt inverter models.

[Product Manual](#)

[Product Specifications](#)

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## **Xentrex XPower Inverters**

## **Mobile Power for Trucks, RVs and Boats**

XPower Inverters connect easily to 12 volt batteries to provide AC power for a variety of medium to heavy duty applications. Designed for easy installation and operation, the XPower inverters provide a reliable source of power onboard trucks, RVs and boats to run home appliances, consumer electronics, entertainment systems, power tools, office equipment and much more. They are also suitable for small contractors who need to operate handheld power tools from their van or pick-up truck. The powerful 5000-watt model has four GFCI outlets for multiple loads and an easy-to-read digital display for instant system information. All models meet the stringent UL458 regulatory requirements.

### **Product Features**

- ▶ Portable power for AC products: 1000, 1500, 3000 and 5000 watt models available
- ▶ Two GFCI AC receptacles for connecting multiple loads
- ▶ 5000-watt model: Four GFCI AC receptacles, each equipped with a 20-amp breaker
- ▶ High surge capacity for products that require more power to start
- ▶ High efficiency - converts virtually all the battery's available power to AC
- ▶ Mounting brackets for convenient installation
- ▶ Heavy duty stud connectors
- ▶ Remote on/off switch included

### **Protection Features**

- ▶ Overload and over temperature shutdown
- ▶ Over voltage protection (15.0 VDC)
- ▶ Low voltage alarm (11.0 VDC)
- ▶ Low voltage cut-out (10.5 VDC)

### **Product Applications**

- ▶ Household Appliances: compact microwave ovens, bread makers, food processors, small bar refrigerators, small vacuum cleaners, fluorescent and incandescent lights, sewing machines and fans
- ▶ Handheld Power Tools: drills, jigsaws, sanders and buffers
- ▶ Entertainment Electronics: televisions, VCRs, video games, stereos, musical instruments and satellite equipment
- ▶ Office Equipment: computers with 17" monitors, facsimile machines

## XPower™ Inverter 1000, 1500, 3000 & 5000

| Electrical Specifications | Inverter 1000      | Inverter 1500      | Inverter 3000      | Inverter 5000      |
|---------------------------|--------------------|--------------------|--------------------|--------------------|
| Surge capacity (peak)     | 2000 watts         | 3000 watts         | 5000 watts         | 10000 watts        |
| Max. continuous power     | 1000 watts         | 1500 watts         | 2500 watts         | 4000 watts         |
| AC output voltage         | 115 VAC +/- 5%     | 115 VAC +/- 5%     | 115 VAC +/- 5%     | 115 VAC +/- 5%     |
| AC output frequency       | 60 Hz +/- 1 Hz     | 60 Hz +/- 1 Hz     | 60 Hz +/- 1 Hz     | 60 Hz +/- 1 Hz     |
| AC output waveform        | Modified sine wave | Modified sine wave | Modified sine wave | Modified sine wave |
| Optimum efficiency        | 90%                | 90%                | 90%                | 90%                |
| No load current draw      | < 0.3 A DC         | < 0.3 A DC         | < 0.6 A DC         | < 0.6 A DC         |
| Input voltage range       | 10.5 - 15.5 VDC    | 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               |                                      |   |  |
| AC receptacle               | Two                                      | Two                                  | Two                                       | Four                                     |
| Dimensions (HxWxL)          | 2.8 x 5.9 x 12.3"<br>(70 x 151 x 312 mm) | 3 x 5.9 x 15"<br>(75 x 151 x 382 mm) | 4.3 x 9.5 x 18.5"<br>(109 x 240 x 468 mm) | 6.25 x 8 x 19.5"<br>(160 x 205 x 520 mm) |
| Weight                      | 4.4 lbs (2 kg)                           | 5.9 lbs (2.7 kg)                     | 12.9 lbs (5.9 kg)                         | 24.1 lbs (10.9 kg)                       |
| Warranty                    | 1 year                                   | 1 year                               | 1 year                                    | 1 year                                   |
| Part number                 | 813-1000-UL                              | 813-1500-UL                          | 813-3000-UL                               | 813-5000-UL                              |

| Packaging Specifications    |   |   |   |  |
|-----------------------------|---|---|---|--|
| Retail package size (HxWxL) | 5.1 x 8.3 x 14.4"<br>(130 x 210 x 365 mm) | 5.1 x 8.3 x 16.9"<br>(130 x 210 x 430 mm) | 8.1 x 12 x 23.4"<br>(205 x 306 x 595 mm)    | 12 x 10.25 x 23.5"<br>(304 x 260 x 596 mm) |
| Weight                      | 6.3 lbs (2.9 kg)                          | 7.9 lbs (3.6 kg)                          | 17.4 lbs (7.9 kg)                           | 27 lbs (12.2 kg)                           |
| Master carton size (HxWxL)  | 12 x 14.6 x 17.4"<br>(304 X 370 X 442 mm) | 11.8 x 17 x 17.4"<br>(300 x 432 x 443 mm) | 17.2 x 12.6 x 23.9"<br>(436 x 320 x 607 mm) | 13 x 11 x 24"<br>(330 x 279 x 609 mm)      |
| Count                       | 4   | 4   | 2   | 1  |
| Weight                      | 25.3 lbs (11.5 kg)                        | 31.5 lbs (14.3 kg)                        | 34.8 lbs (15.8 kg)                          | 30 lbs (13.6 kg)                           |
| UPC number                  | 715535896430                              | 715535896478                              | 715535896553                                | 715535890452                               |

# ProWatt SW Series Power Inverter

The PROwatt SW Series feature True Sine-Wave AC output with 540, 900 and 1800 continuous watts respectively. With high surge capability, the PROwatt SW Series provides the necessary current to startup demanding electrical loads such as variable speed power tools, advanced electrical appliances, microwaves and much more. 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.

### **Power inverter providing AC power anywhere you need it.**

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**

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- 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)
- Meets stringent UL458 regulatory standard
- Two year warranty

#### **Protection Features**

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- Low voltage shutdown (10.5 Vdc)
  - Low voltage alarm (11.0 Vdc)
  - Over voltage protection (15.5 Vdc)
  - Over load shutdown
  - Over temperature shutdown
  - GFCI protection
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# Xantrex ProSine Inverters

## **Provides 1000 and 1800 watts of sine wave AC power from a DC source**

Offering superior quality true sine wave output, the PROsine™ 1000 and 1800 stand-alone inverters are ideally suited for electrical systems that already have a quality multistage battery charger. Designed for recreational and industrial applications, their 120-volt, 60 Hz AC power output is capable of handling both heavy duty and smaller, multiple AC loads. PROsine inverters include a backlit LCD display panel, which can be mounted remotely.

### **Product Features**

- ▶ 1000 and 1800 watt inverters (1500 and 2900 watt surge capability)
- ▶ True sine wave AC output (crystal controlled)
- ▶ Removable LCD display can be mounted remotely for control and monitoring
- ▶ Unique DC terminals offer 180-degree connections for easy installation in tight places
- ▶ Powersave mode draws only 1.5 watts under no load
- ▶ Two year warranty

### **Protection Features**

- ▶ Over temperature shutdown and automatic overload protection
- ▶ Over voltage and under voltage protection
- ▶ Short circuit and AC backfeed protection

### **Options**

- ▶ Available in 12 and 24 volt models
- ▶ Models available with GFCI AC outlet or AC hardwire terminal strip for permanent installation into an electrical system (optional 15 A transfer switch available with hardwire option)
- ▶ Remote interface kit for remote mounting of display module

### **Ultra-clean true sine wave power**

- ▶ With less than 3% total harmonic distortion, PROsine 1000 and 1800 inverters deliver true sine wave output that is identical to AC power supplied by your utility. This clean output makes PROsine inverters ideal for handling sensitive loads and improves AC equipment performance. Expect trouble-free true sine wave electricity for televisions, audio systems, variable speed tools, and more.

### **Light and compact**

- ▶ PROsine inverters are lighter and more compact than other inverters with similar power ratings because they use high-frequency switching technology in the power conversion process.

## PROsine 1000 Watt and 1800 Watt Sine Wave Inverters

### Electrical Specifications

| Models  | PROsine 1000   | PROsine 1800   |
|---|--|--|
| Output power  | 1000 W   | 1800 W   |
| Surge rating  | 1500 W   | 2900 W   |
| Output current (peak)                                     | 25 A   | 45 A   |
| Output voltage (at no load)                               | 120 Vac +/-3%  | 120 Vac +/-3%  |
| Output voltage (over full load and battery voltage range) | 120 Vac RMS -10%/+4%   | 120 Vac RMS -10%/+4%   |
| Output frequency  | 60 +/-0.05 (crystal controlled)                                      | 60 +/-0.05 (crystal controlled)                                      |
| Output waveform   | True sine wave (<3% THD)   | True sine wave (<3% THD)   |
| Peak efficiency (12 V/24 V)                               | 89% / 90%  | 89% / 90%  |
| No load power draw (search mode)                          | <1.5 W   | <1.5 W   |
| No load power draw (idle mode)                            | <22 W  | <22 W  |
| Input voltage range (12 V/24 V)                           | 10 – 16 Vdc / 20 – 32 Vdc  | 10 – 16 Vdc / 20 – 32 Vdc  |
| Transfer relay rating (hardwire/transfer relay models)    | 15 A   | 15 A   |
| Transfer time AC to inverter and inverter to AC           | Max 2 cycles (typically 1 cycle)<br><2.5 seconds with Powersave "ON" | Max 2 cycles (typically 1 cycle)<br><2.5 seconds with Powersave "ON" |

### General Specifications

|                              |   |   |
|------------------------------|---|---|
| Operating temperature range  | 32°F – 140°F (0°C – 60°C)   | 32°F – 140°F (0°C – 60°C)   |
| Storage temperature range    | -22°F – 158°F (-30°C – 70°C)  | -22°F – 158°F (-30°C – 70°C)  |
| AC output types              | Dual GFCI receptacle  | Dual GFCI receptacle  |
|                              | Hardwire  | Hardwire  |
|                              | Hardwire with transfer relay  | Hardwire with transfer relay  |
| LCD display panel            | Removable; can be mounted remotely<br>(requires remote interface kit - see part number section) | Removable; can be mounted remotely<br>(requires remote interface kit - see part number section) |
|                              | Displays DC volts, amps and output power  | Displays DC volts, amps and output power  |
|                              | Recommended DC fuse   | 12 V: 150 A or 175 A*<br>24 V: 70 A or 90 A*<br>*Depending on applicable installation codes     |
| Dimensions (H x W x D)       | 4.5 x 11.0 x 15.4" (115 x 280 x 390 mm)   | 4.5 x 11.0 x 15.4" (115 x 280 x 390 mm)   |
| Weight                       | 14.5 lb (6.5 kg)  | 16.5 lb (7.5 kg)  |
| Warranty                     | Two year  | Two year  |
| <b>Part Numbers</b>          |   |   |
| <b>12-volt</b>               |   |   |
| GFCI outlet                  | 806-1000  | 806-1800  |
| Hardwire with transfer relay |   | 806-1802  |
| <b>24-volt</b>               |   |   |
| GFCI outlet                  |   | 806-1850  |
| Hardwire                     |   | 806-1851  |
| Hardwire with transfer relay |   | 806-1852  |
| Remote interface panel       | 808-1800  | 808-1800  |

### Regulatory Approvals

CSA/NRTL certified to CSA 107.1, UL 458 (including Marine supplement)

KKK-A-1822D: Federal specification for use on ambulances

Designed to meet ABYC E8, E9, A25 for marine applications

Note: Specifications subject to change without notice.

# Xantrex ProSine 2.0 Inverter

## 2000 Watt Pure Sine Wave Inverter/Charger

Provides 2000 watts of pure sine wave AC power from a DC source and 100-amp multistage battery charging.

A powerful all-in-one solution, ProSine 2.0 inverter/chargers (part#805-2000 – hardwire version) deliver up to 2000 watts of unsurpassed clean pure sine wave output power and combines this with a 100 amp, multistage battery charger. Series stackability allows for two units to power 240 VAC applications such as power tools, over ranges, washer/dryer combinations and air conditioners. The ProSine 2.0 is ideal for upgrading your electrical system in a boat, RV, or a utility vehicle. The system includes a full function LCD remote control panel and battery temperature sensor.

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# Xantrex Freedom SW Inverter

The second generation 2000 watt model has been completely redesigned to include many of the same great features found in its high power counterpart. A key feature enhancement is 'Generator Support Mode' which enables the Freedom SW to supplement a generator<sup>1</sup> when AC loads exceed the generator's capacity. The new generation models also feature improved AC transfer/AC input detection time, providing the ability to transfer AC loads to batteries in less than 10 milliseconds when the incoming grid or generator power is lost. Connected loads are almost unable to feel the power transition due to this quick transfer time. Both models are approved to UL458 with marine supplement, CSA, ABYC and FCC, Class B requirements.

# **NEW – PARALLEL AND SERIES STACKING**

Parallel stacking enables the Freedom SW inverterchargers to double the AC output in inverter mode. Series stacking enables the Freedom SW inverterchargers to generate 120/240 V split phase output<sup>2</sup>

<sup>2</sup> AC source must be split phase, requires Stacking Cable (part# 808-9005)