

ProSINE Premium Pure Sine Wave Inverters



- ◀ Delivers pure sine wave output.
- ◀ Removable LCD remote control panel for inverter control and status.
- ◀ Easy to use Powersave mode for low stand-by current draw.
- ◀ Seamless AC mains to inverter transfer switch included (almost no break time on AC transfer). Hardwire terminal strip inside unit for connections
- ◀ Advanced cooling design to ensure maximum efficiency.
- ◀ 1000 watts or 1800 watts of constant power rated at 40° Celsius.
- ◀ Two year warranty

Designed for recreational, industrial and back up power applications, Prosine produces clean, true sine wave AC power from DC battery power. Its 230-volt, 50-Hertz AC power output is capable of handling both heavy duty AC loads and smaller, multiple AC loads.

Light & Compact.

Prosine is lighter and more compact than other inverters with similar power ratings because it uses high-frequency switching technology in the power conversion process. The power ratings of Prosine are taken at 40° Celsius, and this coupled with the unique cooling tunnel design means the heat is quickly removed from the unit. This design helps Prosine to provide power for loads up to 50% greater than its constant output.

Innovative Features.

Prosine features a standard removable LCD remote control panel. This panel can be located anywhere you choose & provides status information such as battery voltage, DC amperage being consumed and the AC wattage of your appliances. More importantly it provides an on/off switch to completely shutdown the unit when not in use (zero amperage drain on battery).

The DC battery cable connection points are 8mm bolt posts that allows for DC cable connection of any size battery cable in a 180° rotation – Remember: Battery cables are the lifeline to your inverter. The bigger the better.

One of the best features of the PROsine is the seamless AC automatic transfer switch. This allows for the easy integration into the onboard AC power system to provide seamless integration between the mains / generator power and inverter power.

Powersave Mode.

All inverters use DC power while not being used, and Prosine can easily be switched into powersave mode (by the remote control panel), which drops the stand by current to less than .1 of an amp. Power is restored if you turn an appliance on (2.5 second search mode), or simply switch the inverter back into normal power mode, with a stand by current of around .75 amps.



PROsine Remote
Control Panel

xantrex[™]
Smart choice for power[™]



Enerdrive
DRIVING YOUR ENERGY NEEDS

Unit 10, 1029 Manly Road
Tingalpa, Queensland, Australia 4173
Ph: 1300 851 535
Fax: 07 3390 6911
Email: sales@enerdrive.com.au

www.enerdrive.com.au



ELECTRICAL SPECIFICATIONS

| Models | Prosine 1000i | Prosine 1800i |
|---|---|-------------------------------------|
| Output power @ 40°C | 1000 watts | 1800 watts |
| Surge rating | 1500 watts | 2900 watts |
| Peak output surge | 2530 watts | 4600 watts |
| Output voltage (over full load and battery voltage range) | 230 VAC RMS +4%, -10% | 230 VAC RMS +4%, -10% |
| Output frequency | 50 Hz +/- 0.05 (crystal controlled) | 50 Hz +/- 0.05 (crystal controlled) |
| Output waveform | True sine wave (<3% THD) | True sine wave (<3% THD) |
| Peak efficiency | 90% | 90% |
| No load power draw (search mode) | <1.5 W | <1.5 W |
| No load power draw (idle mode) | <2.2 W | <2.2W |
| Input voltage range (12 V/24 V) | 10 - 16 VDC / 20 - 32 VDC | 10 - 16 VDC / 20 - 32 VDC |
| Transfer time AC to inverter and inverter to AC | Max 2 cycles (typically 1 cycle) <2.5 seconds with Powersave "ON" | |

GENERAL SPECIFICATIONS

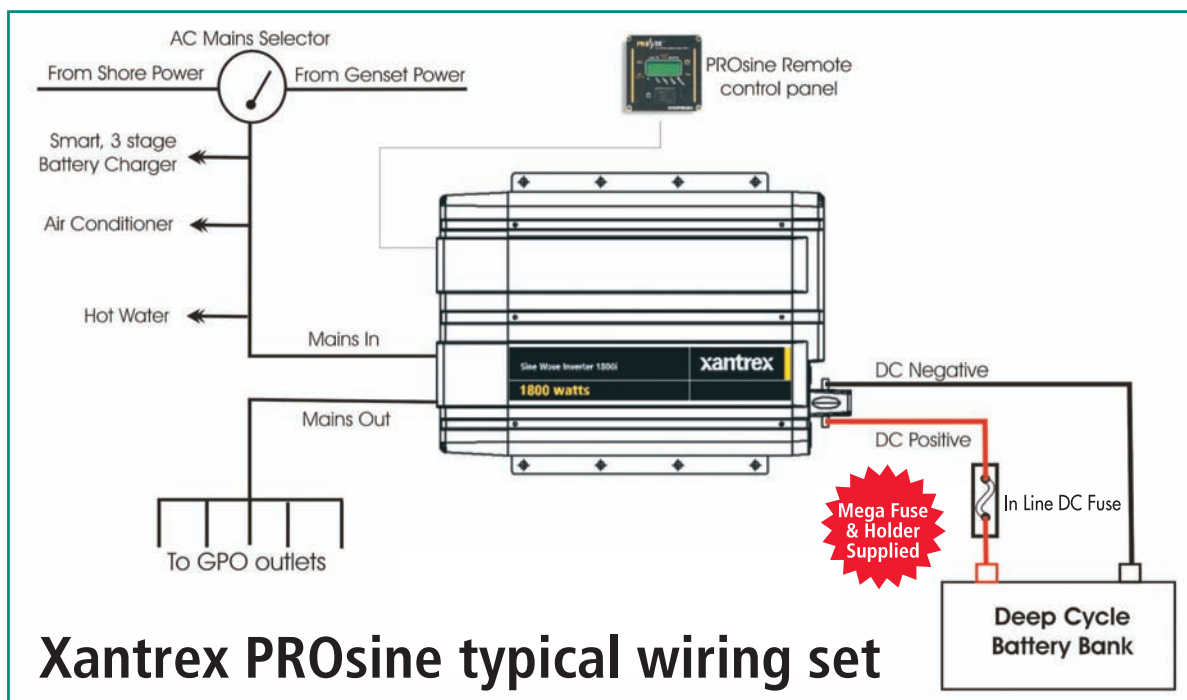
| | | |
|-----------------------------|--|--------------------|
| Operating temperature range | 0°C to 60°C | 0°C to 60°C |
| Storage temperature range | -30°C to 70°C | -30°C to 70°C |
| LCD display panel | Removable; can be mounted remotely with standard telephone cable | |
| Dimensions (HxWxL) | 115 x 280 x 390 mm | 115 x 280 x 390 mm |
| Weight | 7.0 kg | 7.5 kg |
| Warranty | Two years | Two years |

REGULATORY APPROVALS

CE Mark - Low Voltage Directive (EN50091-1), **EMC Directive** (EN50091-2)

e-Mark - Automotive EMC Directive 95/54/EC

Note : Specifications subject to change without notice.



DEALER: