

PROSINE-i 1000i & 1800i INVERTERS



Heavy duty, true sine wave inverters

Offering superior quality sine wave output, the Prosine 1000i and Prosine 1800i stand-alone inverters are ideally suited for electrical systems that already have a quality multistage battery charger. Designed for recreational and industrial applications, Prosine inverters are suitable for both heavy duty and sensitive electronic loads. The inverters are lighter and more compact than others with similar power ratings because they use high-frequency switching technology in the power conversion process.

Features:

- Two models available: 1000 watt (1500 watt surge) and 1800 watt (2900 watt surge)
- True sine wave output
- Less than 3% total harmonic distortion, the Prosine delivers true sine wave output that is identical to AC power supplied by your utility. Expect trouble-free true sine wave electricity for televisions, audio systems, variable speed tools, and more
- Removable display can be mounted remotely for control and monitoring (#808-1800)
- Unique DC terminals offer 180-degree connections for easy installation in tight places
- Efficient powersave mode draws only 1.5 watts under no load condition
- Two year warranty
- Schuko AC receptacle
- Remote interface kit for remote mounting of display module
- Models available with Schuko, hardwire, or hardwire with transfer switch

Protection feature:

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

Regulatory Approvals:

- E-mark, CE Mark - Low Voltage Directive 2006/95/EC (EN 50178:1997)
- EMC Directive 2004/108/EC (EN 61000-6-1:2007 & EN 61000-6-3:2007)
- Automotive EMC Directive 2004/104/EC as amended by 2005/83/EC

Accessory:

- **Remote interface panel** Part# 808-1800
This interface panel allows standard Xantrex Sine Wave Inverter LCD Display Panel to be mounted remotely in the location of your choice. Comes with 30' (10m) of telephone cable.

Features:

- Standard Telephone Jack Outlet for connection to LCD panel
- LED indicator for basic status monitoring
- ON/Bypass switch
- Mounts into the existing cavity in place of Standard LCD Panel
- No special wiring required
- Internal filtering reduces interference generated along cable, improving overall performance



MODEL	PART NR	INPUT	AC OUTPUT
PROsine 1000i	806-1074	12V	Hardwire w/ transfer relay
PROsine 1800i	806-1870	12V	SCHUKO
PROsine 1800i	806-1874	12V	Hardwire w/ transfer relay

PROSINE-i 1000i & 1800i INVERTERS



ELECTRICAL SPECS	PROSINE 1000i	PROSINE 1800i
Output power	1000 watts	1800 watts
Surge rating	1500 watts	2900 watts
Peak output current	11 A	20 A
Output voltage (at no load)	230 VAC RMS +/-3%	230 VAC RMS +/-3%
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)	<22 W	<22 W
Input voltage range (12 V)	10 - 16 VDC	10 - 16 VDC
Transfer relay rating (hardwire/transfer relay models)	10 A	10 Av
Transfer time AC to inverter and inverter to AC	Max 2 cycles (typically 1 cycle) <2.5 seconds with Powersave “ON”	
GENERAL SPECS		
Operating temperature range	0°C - 60°C	0°C - 60°C
Storage temperature range	-30°C - 70°C	-30°C - 70°C
AC output types	Hardwire, Hardwire with transfer relay, Schuko AC receptacle	
Recommended DC fuse (12 V model)	175 A	300 A
Dimensions (h x w x l)	4.5 x 11.0 x 15.3 (115 x 280 x 390 mm)	4.5 x 11.0 x 15.3 (115 x 280 x 390 mm)
Weight	14.5 lb (6.5 kg)	16.5 lb (7.5 kg)
Warranty	Two years	Two years

TO PLACE AN ORDER:

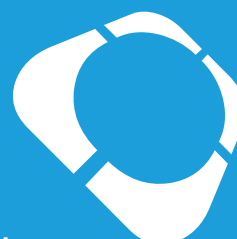
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