



PROSINE INVERTER DATASHEET



AVAILABLE IN:
1000A/12V
1000A/24V
1800A/24V

PREMIUM, HEAVY DUTY, TRUE SINE WAVE INVERTERS

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.



12Vdc and 24Vdc Options



Built-in Transfer Relay



GFCI outlet and hardware options



Surges to 2x Output for 5s or more

APPLICATIONS:



www.xantrex.com
CUSTOMER CARE: 1.800.670.0707



ISOMETRIC VIEW



TOP VIEW

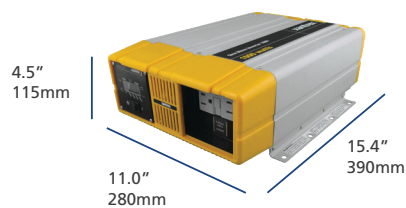
PRODUCT FEATURES

- True sine wave AC output (crystal connected)
- Total Harmonic Distortion (THD) of 1% (typical)
- Removable and mountable LCD display for control and monitoring
- Unique DC terminals offer 180-degree connections for easy installation in tight spaces
- Powersave mode draws only 1.5 watts under no load
- Lighter and more compact than other inverters with like power ratings
- Models available with GFCI AC outlet or AC hardwire terminal strip (optional 15A transfer switch available with hardware options)

PROTECTION FEATURES

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

PROSINE INVERTER DIMENSIONS



ACCESSORIES

Mfg Part #	Description
808-1800	Remote Interface Panel

NOTE: Contact Xantrex or your dealer to order these accessories.

ELECTRICAL SPECIFICATIONS

	PROsine 1000	PROsine 1800
Output Current (nominal)	1000W	1800W
Surge Rating	1500W	2900W
Output Current (peak)	25A	45A
Output Voltage (at no load)	120Vac \pm 3%	120Vac \pm 3%
Outage Voltage (over full load and battery voltage range)	120Vac RMS -10%/+4%	120Vac RMS -10%/+4%
Output Frequency	60 \pm 0.05 (crystal controlled)	60 \pm 0.05 (crystal controlled)
Output Waveform	True sine wave (TBH 1% typical)	True sine wave (TBH 1% typical)
Peak Efficiency	89% / 90%	89% / 90%
No Load Power Draw (search mode)	<1.5W	<1.5W
No Load Power Draw (idle mode)	~20W	~20W
Input Voltage Range	10–16Vdc / 20–32Vdc	10–16Vdc / 20–32Vdc
Transfer Relay Rating (hardware/transfer relay models)	15A	15A
Transfer Time AC to Inverter and Inverter to AC	1 cycle (typical, <20ms)	1 cycle (typical, <20ms)

GENERAL SPECIFICATIONS

	PROsine 1000	PROsine 1800
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 Hardware Hardware with transfer relay	Dual GFCI receptacle Hardware Hardware with transfer relay
LCD Display Panel	Removable; can be mounted remotely (requires remote interface kit – see Accessories) Display DC volts, amps and output number	Removable; can be mounted remotely (requires remote interface kit – see Accessories) Display DC volts, amps and output number
Recommended DC Fuse	12V: 150A or 175A* 24V: 70A or 90A*	12V: 150A or 175A* 24V: 70A or 90A*
Dimensions (H x W x L)	4.5 x 11.0 x 15.4" (115 x 280 x 390mm)	4.5 x 11.0 x 15.4" (115 x 280 x 390mm)
Weight	14.5lb (6.5kg)	16.5lb (7.5kg)
Part Numbers		
12-volt GFCI Outlet	806-1000	806-1800
12-volt Hardware with Transfer Relay		806-1802
24-volt GFCI outlet		806-1850
24-volt Hardware		806-1851
24-volt Hardware with Transfer Relay		806-1852

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.

Specifications are subject to change without notice. *Depending on applicable installation codes

CONTACT

CUSTOMER SERVICE

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 Hours of operation:
 6:30am - 4:30pm PST, Monday to Friday

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