



Provides 3000 watts of sine wave AC power from a DC source and multistage battery charging

The PROsine 3.0 inverter/charger offers a powerful all-in-one solution, delivering unsurpassed clean true sine wave electrical power for all types of appliances along with technologically superior three-stage charging for longer battery life. Providing revolutionary technology and power to weight ratio, Xantrex PROsine technology is the benchmark for premium integrated power systems.

PROsine 3.0

- ▶ 3000 watt inverter, 50 A surge capability
- ▶ Power factor corrected multistage charger
- ▶ True sine wave output (crystal controlled)
- ▶ Built-in 30 A transfer switch automatically transfers between inverter power and incoming AC power
- ▶ Equalization mode conditions batteries for longer life
- ▶ Power sharing prevents tripping of shorepower breaker
- ▶ Compact, lightweight, and easy to install
- ▶ Includes remote panel and battery temperature sensor
- ▶ Two year warranty

Protection Features

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

Options

- ▶ Available in a 24 volt model
- ▶ GFCI-equipped AC wiring box

PROsine 3.0 (ACS) Remote Panel (Included)

- ▶ Independent inverter and charger on/off controls
- ▶ Push button control of power sharing, equalizing, battery set-up
- ▶ Easy to read backlit digital display
- ▶ Single at-a-glance display of AC and DC system information
- ▶ Text message fault diagnostics



CSA/NRTL certified to UL & CSA standards

Xantrex Technology Inc.

Headquarters
8999 Nelson Way
Burnaby, British Columbia
Canada V5A 4B5
800 670 0707 Toll Free
604 420 1591 Fax

541 Roske Drive, Suite A
Elkhart, Indiana
USA 46516
800 446 6180 Toll Free
574 294 5989 Fax

www.xantrex.com

3000 Watt True Sine Wave

Electrical Specifications - Inverter

Models	PROsine 3.0
Output power (continuous)	3000 watts
Surge rating (5 sec.)	4000 watts
Output current (peak)	50 A
Output voltage (at no load)	120 VAC +/-3%
Output voltage (over full load and battery voltage range)	120 VAC RMS -10% / +4%
Output frequency	60 Hz +/-0.05% (crystal controlled)
Output waveform	True sine wave <5% THD
Peak efficiency	88%
No load current draw (search mode)	<3 W
No load current draw (with inverter on)	<60 W
Input DC voltage range (12 V/24 V)	10 – 16 VDC / 20 – 32 VDC

Electrical Specifications - Charger

Charger rate (12 V/24 V)	120 A/60 A
Output voltage (nom. 12 V/24 V - depending on settings)	
▶ Charge	27.6 – 29.6 VDC
▶ Float	26.2 – 28.4 VDC
▶ Equalize	28.0 – 26.0 VDC
Charge control	3 stage with manual equalize
Charge temperature compensation	Automatic with sensor
Efficiency	>80%
AC input power factor (charger on)	0.99
Input AC voltage range	90 – 135 VAC

General Specifications

Compatible battery types	Flooded / gel
Transfer relay rating 30 A	30 A
Transfer time (AC to inverter and inverter to AC)	20 ms typical
Storage temperature range	-22°F – 158°F (-30°C – 70°C)
Operating temperature range	32°F – 140°F (0°C – 60°C)
Dimensions (H x W x D)	7.0 x 15.0 x 20.0" (178 x 381 x 508 mm)
Weight	32.0 lb (14.5 kg)
Warranty	Two years
Part numbers	805-3031 (24 V w/ACS remote)

Regulatory Approvals

CSA/NRTL approved to CSA 107.1, UL 458

Note: Specifications subject to change without notice.