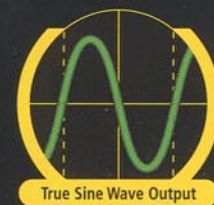


PROsine[®] 2.0

2000 watt Inverter • Charger



Includes its own:



LCD Display Panel



Battery Temp. Sensor

Regulatory Approval



For general use, including Marine, Recreational Vehicle, and Solar PV in Canada and the USA

Extensive Features

- 2000-watt output, 4.5 KW surge capability
- 100A 3-stage battery charger
- True sine wave output
- Battery Temperature Sensor included
- 2 units series stackable for 120/240V
- Power factor corrected charger
- Light weight, compact design
- Designed to Marine standards (ABYC)
- CSA/NRTL approved to CSA and UL standards for general use including Marine, RV, and Photovoltaic applications

PROsine 2.0 Inverter/Charger

The PROsine 2.0 inverter/charger gives you 2000-watts of quality power, worry-free operation and outstanding reliability. Its integrated inverting/charging functions make it ideal for marine installations, recreational and commercial vehicles, and residential backup systems.

Quality Power

PROsine 2.0 delivers true sine wave output that is identical to (or better than) power supplied by your utility. It gives more consistent cooking in your microwave, and powers sensitive loads better. PROsine 2.0's low EMI (FCC Class B compliant) means less interference with your TV and audio equipment, unlike inferior inverter/chargers. Series stackability allows for two PROsine 2.0 units to power 240VAC applications such as 240V power tools, oven ranges, washer/dryer combinations, and air conditioners.

Superior Charging

PROsine 2.0 delivers a precisely controlled, 3-stage charge to your batteries, bringing them to full charge quickly and safely. Other charger features ensure your batteries are properly maintained, even in storage.

Comprehensive Protection

PROsine 2.0 has a host of built-in protection features to safeguard your batteries and equipment and give you worry-free operation. An adjustable low battery cutout prevents your batteries from becoming completely discharged.

Reliable Back-up Power Source

When incoming power fails (or returns) PROsine 2.0 automatically switches between battery and shorepower. This ensures you always have power and your batteries are properly topped up after a power outage.

Easy to Install and to Use

PROsine 2.0 is more compact and weighs less than any other 2 kW inverter/charger on the market. It includes its own easy-to-use remote display panel for system monitoring and control.

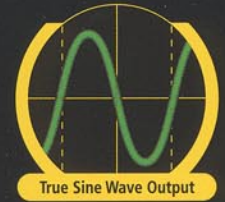
Meets Recognized Standards

PROsine 2.0 is designed to ABYC standards, and is CSA/NRTL certified to UL and CSA standards.

XANTREX
Smart Choice For Power

PROsine[®] 2.0

2000 watt Inverter • Charger



Specifications

Inverter Specifications

Continuous Output Power	2000W
Surge Rating (5 Second)	4.5 kW
Peak Output Current	17A RMS continuous, 50A peak
Peak Efficiency	89% typical
Efficiency	87% typical
No Load Current Draw (search mode)	<2W (3 second interval)
Output Frequency	60 Hz +/-0.05% (crystal controlled)
Output Wave Form	True sine wave <2% THD typical
Input Voltage Range 12V	10 - 16 VDC
Output Voltage	117 VAC RMS

Charger Specifications

Nominal DC voltage	12VDC
Output DC voltage range	0 -17.5 VDC
Max (bulk) Charger current	100A DC continuous
Nominal AC Voltage	120 VAC
Input AC voltage range	90 - 135VAC
Nominal AC current	15A RMS
AC input power factor	0.99
Charge control	3-stage with manual equalize
Battery temperature compensation	remote sensor included
Charge efficiency	81% typical

System Specifications

Compatible battery types	Flooded, Gel, AGM, Pb-Ca
Transfer relay rating	30A, 1.5hp, 120VAC
Transfer time	16 ms typical
Operating ambient temp. range	-4° to 140° F / -20° to 60° C ^{derated above +40° C}
Optimal operating temp. range	32° to 104° F / 0° to 40° C
Storage ambient temp. range	-40° to 158° F / -40° to 70° C

Mechanical Specifications

Dimensions (L x W x H)	17.7" x 11.2" x 5.7"
	45cm x 28cm x 15cm
Weight	24 lbs. (11 kg)

Specifications subject to change without notice.

Regulatory Approvals

Safety	CSA/NRTL certified to CSA 107.1, UL 458 (including the Marine Supplement), and UL1741
EMC	FCC/Industry Canada Class B

Accessories Included

Remote display panel	configures all features and monitors all functions of the system
Battery temperature sensor	monitors battery temperature so the charger provides an accurate charge in any climate



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