

FREEDOM Xi SINE WAVE INVERTER

xantrex™
Smart choice for power™

True sine wave 120 Vac inverter with built-in transfer switch. Designed for recreational and commercial applications.

Available in:

1000 W

2000 W



The new generation Freedom Xi is equipped with quick-connect AC terminals, ignition control capability and programmable smart battery management logic. The quick-connect AC terminal on both AC input and output enables incredibly easy installation. The ignition control feature minimizes unintended battery drain. The new Freedom Xi is designed for cold harsh winter environment with temperature performance down to -20°C.

The Freedom Xi Inverter features true sine wave output and is designed to operate sensitive electronics like entertainment systems and appliances in boats, RV's and commercial trucks. The Freedom Xi is available in two models: 1000 watts and a 2000 watts.

Product Features

- » 1000 / 2000 watts continuous AC power
- » 2X continuous power surge for demanding loads
- » Cold temperature performance down to - 20°C for the harsh winter environments
- » Quality, reliability and safety that meets stringent CSA and UL458 with marine supplement standard
- » Configurable Ignition control that helps to minimize battery drain



Quick connect AC terminal block for fast and reliable installation.



Detachable remote panel for convenient system status monitoring

Protection Features

- » Programmable Smart Battery Management logic to facilitate extended battery use & life.
- » Overload, over temperature, under/over voltage protection

Applications:



Recreational vehicles



Marine



Heavy duty trucks



Work vehicles



Buses / coaches



Specialty vehicles



Intertek

ETL listed to CSA Standard C22.2 No. 107.1 and UL 458* with Marine supplement

*For marine supplement compliance drip shield in specific mounting orientation is required. See installation guide



Xantrex Technology Inc.

3700 Gilmore 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

FREEDOM Xi **SINE WAVE**

INVERTER

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| Electrical specifications – inverter | XI 1000 | XI 2000 |
|--|------------------------|------------------------|
| Output power (continuous) | 1000 W | 2000 W |
| Surge rating | 2000 W | 4000 W |
| Output current (continuous) | 8.3 A | 16.9 A |
| Output voltage range | 110 - 125 Vac | 110 - 125 Vac |
| Output frequency regulation | 60 Hz | 60 Hz |
| Output wave form | True sine wave | True sine wave |
| Efficiency (full load) | ≥ 82% | ≥ 82% |
| Peak efficiency | ≥ 87% | ≥ 87% |
| No-load input power (producing output voltage) | ≤ 10 W | ≤ 10 W |
| Off mode current draw (display off) | < 4 mA | < 4 mA |
| AC input operating voltage range | 95 – 130 Vac | 95 – 130 Vac |
| AC transfer relay | 30 A | 30 A |
| Input operating voltage range | 10.5 - 16.5 Vdc | 10.5 - 16.5 Vdc |
| Transfer time | < 40 ms | < 40 ms |
| Battery voltage (nominal) | 12 Vdc | 12 Vdc |
| Low battery cut-out (low / mid / high limit) | 10.5 / 11.8 / 12.1 Vdc | 10.5 / 11.8 / 12.1 Vdc |
| AC receptables | 15 A GFCI | 20 A GFCI |

| General specifications | | |
|-----------------------------|--|--|
| Operating temperature range | -4°F - 122°F (-20°C - 50°C) | -4°F - 122°F (-20°C - 50°C) |
| Storage temperature range | -40°F - 158°F (-40°C - 70°C) | -40°F - 158°F (-40°C - 70°C) |
| Optional remotes | Detachable display | Detachable display |
| Unit weight | 11 lb (5.0 kg) | 14.4 lb (6.5 kg) |
| Shipping weight | 15.1 lb (6.8 kg) | 16.2 (7.3 kg) |
| Shipping weight* | 31.9 lbs (14.5 kg) | 34.1 lbs (15.5 kg) |
| Unit dimensions (H x W x L) | 4.7 x 9.4 x 19.2" (120 x 240 x 487 mm) | 4.7 x 9.4 x 19.2" (120 x 240 x 487 mm) |
| Warranty | Two year | Two year |
| Part number | 807-1000 | 807-2000 |

Regulatory and environmental compliance

ETL listed to CSA Standard C22.2 No. 107.1, UL458 with marine supplement**

Specifications are subject to change without notice. *Qty: 2pcs inside brown mastercarton. **When used with drip shield, part #808-1050.