

FREEDOM X 2000 230V DATASHEET



AVAILABLE IN:
2000W, 12V

ROBUST. DURABLE. FLEXIBLE.

The FREEDOM X inverter offers premium performance in a lightweight compact package. It cranks out full output in invert mode from -20°C - 40°C for operation in all climate temperatures. The extended surge rating of the Freedom X makes it ideal to start difficult loads including a fridge and microwave. The quick connect terminals at AC IN/OUT make installation a breeze.



Exceptional full rated performance in all climate temperatures



True sine wave output for sensitive and motor loads



Ignition control feature turns inverter on/off via 12Vdc signal



View, control and configure via Bluetooth app* on iOS and Android (COMING SOON)

APPLICATIONS:



**2 YEAR
WARRANTY**

www.xantrex.com
CUSTOMER CARE: 1.800.670.0707

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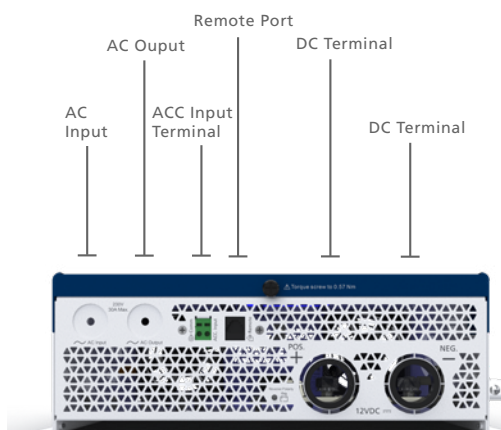
*requires FREEDOM X Bluetooth Remote Panel, part #808-0817-02

¹ CE Marking: Low Voltage Directive, EMC Directive, and RoHS Directive Compliant

² Automotive EMC Regulation - 10 R-06 Compliant



TOP VIEW



SIDE VIEW



SIDE VIEW

INVERTER FEATURES

Extended Surge Rating

- Surges to 2X continuous power for at least 2 seconds for motor loads

True Sine Wave AC Power

- For operation of sensitive and motor loads

Ignition Control

- Feature to turn inverter on/off via a 12 VDC signal and to minimize battery drain by switching the inverter off when the ignition key is turned off

Wide 10-17 VDC Input Range

- Ensures inverter operation on high voltage alternators found on many new vehicle chassis

Programmable AC Under-Voltage (170-220V~) Shutdown

- Feature ideal to operate under weak shore power or generator input

Built in 30A AC Transfer Relay (3KW model)

- Senses when outside AC Power is present and transfers the load from the inverter to the source of incoming power

COMING SOON

FREEDOM X BLUETOOTH REMOTE PANEL + XANTREX APP



FREEDOM X BLUETOOTH REMOTE PANEL
(808-0817-02)



- Easily monitor system status
- Monitor alerts
- Change settings conveniently
- Connect via bluetooth
- Available on Android and iOS



DOWNLOAD ON



CONNECT WITH Bluetooth

ELECTRICAL SPECS - INVERTER

	FREEDOM X 2000 230V
AC Output Operating Voltage Options	220/230/240V $\sim$
Continuous Output Power	Continuous Power 2000 W @40°C True sine wave (TSW)
Continuous AC Output Current	8.3 A $\sim$
Surge Power	4000 W (> 2 sec)
Frequency (Configurable)	50 Hz (or 60 Hz)
DC Input Operating voltage range	10.0 - 17.0 V ---
DC Input Max Non-Operating Voltage	25.2 V ---
DC Input Nominal Voltage (inverting)	12.0 V ---
DC Nominal Current at Full Load	192 A ---
Peak Efficiency	91%
Full Load Efficiency	> 87.5%

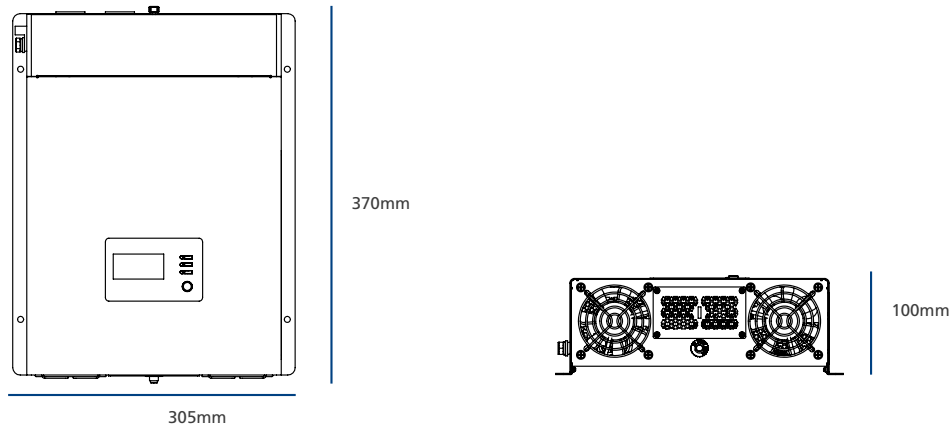
GENERAL SPECS

	FREEDOM X 2000 230V
Operating Temperature Range	-20 to 60 °C, with output derated above 40 °C
Storage Temperature Range	-40 to 70 °C
Operating Humidity Range	5 to 95% RH, non-condensing
Operating Input AC Pass-Through Voltage Range	170-280V $\sim$
Safe Non-Operating Input AC Voltage Range	Up to 300V $\sim$
Transfer Relay AC Current Rating	30 A $\sim$, 24 A continuous
Part Number	817-2000-12
L x W x H (without flanges)	370 mm x 275 mm x 100 mm
L x W x H (with flanges)	370 mm x 305 mm x 100 mm
Net Weight	7.2 kgs

REGULATORY APPROVALS

	FREEDOM X 2000 230V
Safety	CE Marking, Low Voltage Directive Compliant (Marine installations, drip shield, 808-1050)
EMC	CE Marking, EMC Directive and Automotive EMC - Regulation 10 R-06 Compliant
Environmental	CE Marking, RoHS Directive Compliant

FREEDOM X 2000 230V DIMENSIONS

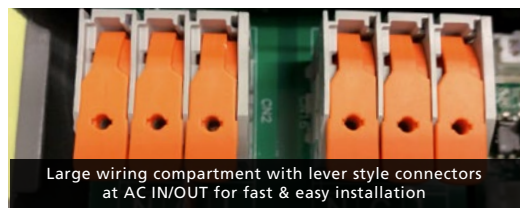


ACCESSORIES

Mfg Part #	Description
808-0817-01	FREEDOM X/XC Remote Panel (with 7.62m network cable)
808-0817-02	FREEDOM X Bluetooth Remote Panel (with 7.62m network cable) (Coming Soon)
31-6257-00 (7.62m), 31-6262-00 (15.24m)	Remote Panel Cable
808-0232-01	Battery Temperature Sensor (BTS)
808-1050	Drip Shield (for marine use)



View AC and battery current, % status bar for inverter output on the onboard display



Large wiring compartment with lever style connectors at AC IN/OUT for fast & easy installation

ACC input terminal for connecting ignition control wiring. Remote port allows you to connect an accessory remote control or display device.



CONTACT

CUSTOMER SERVICE

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