



# 1,000,000+

TRUCKS HAVE INSTALLED XANTREX



**xantrex**<sup>™</sup>  
A MISSION CRITICAL ELECTRONICS BRAND

## FREEDOM

The FIRST to design an inverter for sleeper cabs

The FIRST to manufacture inverters for OEMs

MEETS TMC RP 163 & UL458 safety & regulatory standards



80% OF ALL FACTORY INSTALLED INVERTERS ARE XANTREX

35 YEARS OF MANUFACTURING INVERTERS FOR OEMS









### FACTORY CODES:

- FREEDOM XC 1800 INVERTER/CHARGER...REQUEST THROUGH PDI
- FREEDOM X 1200 INVERTER.....337-022
- FREEDOM HF 1500 INVERTER/CHARGER...337-012






# FREEDOM XC 1800 INVERTER/CHARGER

-  1800 W pure sine wave inverter with 80 A battery charger
-  Continuous output during auto-starts
-  Ability to charge dead batteries drained to extremely low voltage
-  Performs to full output in all temperatures from Arizona to Alaska
-  Drivers can see information about output power, charging power & more via app on iOS and Android devices
-  Powers microwave, induction cooktop, coffee machine, hair dryer and more

**FACTORY CODE: Request through PDI**

## FREEDOM X 1200 INVERTER






-  1200 W true sine wave inverter
-  Powers small appliances and electronics
-  Built-in transfer relay enables shore power pass through to power loads when the truck is parked and plugged-in

**FACTORY CODE: 337-022**

## FREEDOM HF 1500 INVERTER/CHARGER



-  1500 W inverter with a 40A battery charger
-  The original factory inverter/charger installed in close to a million trucks
-  Powers microwave, cooktop, coffee machine and more

**FACTORY CODE: 337-012**

SMART  
CHOICE  
FOR  
POWER™

**FREEDOM X 1200**  
INVERTER  
FACTORY CODE:  
337-022

**FREEDOM HF 1500**  
INVERTER/CHARGER  
FACTORY CODE:  
337-012

**FREEDOM XC 1800**  
INVERTER/CHARGER  
FACTORY CODE:  
Request through PDI



## ELECTRICAL SPECS - INVERTER

	FREEDOM X 1200	FREEDOM HF 1500	FREEDOM XC 1800
Continuous Output Power	1200W	1500W	Continuous Power 1800 W @40°C True sine wave (TSW)
Surge Power	2400W	3600W	4000 W
Surge Duration	> 2 sec	300 ms	> 2 sec
Full Load Efficiency	≥ 86%	> 80%	≥ 87.5%
Peak Efficiency	≥ 91%	> 87%	91%
Transfer Time	10 - 20 ms	< 30 ms	10 - 20 ms

## ELECTRICAL SPECS - CHARGER

	FREEDOM X 1200	FREEDOM HF 1500	FREEDOM XC 1800
Charge Rate	N/A	40 A	80 A (user selectable)
AC Transfer Relay	30 A	30 A	30 A
Low Battery Cut Out (low/high limit)	Adjustable from 10.5 to 12.1 VDC	11.8 VDC / 12.1 VDC	Adjustable from 10.5 to 12.1 VDC
Dead Battery Charging	N/A	No	Yes
Lithium Ion Battery Charging	N/A	No	Yes

## GENERAL SPECS

	FREEDOM X 1200	FREEDOM HF 1500	FREEDOM XC 1800
Optimal Operating Temperature Range	-4°F to 122°F (-20°C to 50°C)	32°F to 104°F (0°C to 40°C)	-4°F to 140°F (-20°C to 60°C)
Unit Weight	10.4 lb (4.7 kg)	12.8 lb (5.8 kg)	16.3 lbs (7.4 kgs)
Unit Dimensions (H x W x L)	3.5 x 10.4 x 14.8" (91 x 263 x 376 mm)	4.2 x 9.5 x 18.0" (106 x 241 x 393 mm)	4.0 x 10.8 x 15.4" (102 x 275 x 390 mm)

# ABOUT FYDA FREIGHTLINER

Since 1954, Fyda Freightliner has been committed to partnering with customers in the commercial vehicle industry to help them succeed. Today, the company is an award-winning and nationally-recognized dealer of Freightliner and Western Star trucks and Sprinter commercial vans, with dealerships located in Ohio and Pennsylvania. Through our unwavering commitment to excellence and our Unifying Principles, we work hand in hand with our customers to provide the best service possible. The Customer is First at Fyda Freightliner.

Fyda Freightliner operates dealerships in Columbus, Zanesville, Cincinnati and Youngstown, Ohio; Pittsburgh (Canonsburg) and Barkeyville (Harrisville), Pennsylvania; and Walton, Kentucky.

For more information, visit us online at [www.fydafreightliner.com](http://www.fydafreightliner.com)



## THE INDUSTRY LOVES xantrex™ FOR ITS RELIABILITY AND PERFORMANCE



**TIM FYDA**  
PRESIDENT FYDA FREIGHTLINER

“I have been extremely impressed with Xantrex, both the product and the people, and I think it starts there with the people, can you trust the people that you’re working with? And that’s critical for us because if we don’t have that support from our suppliers, we can’t support our customer and we lose all credibility. We love the partnership with Xantrex and we want to grow it.”



**JOE EGAN**  
VP OF MAINTENANCE, ABILENE EXPRESS

“Every major truck manufacturer offers Xantrex inverters. Xantrex inverters are equipped with a low-voltage disconnect (LVD) to shut down the inverter once the system detects low-battery power. This safeguard preserves the starting power in the battery. Xantrex leads the way when it comes to inverters. Period.”



**EDWARD PRINCE**  
FREIGHTLINER SLEEPER CAB DRIVER

“ Thanks to my Xantrex, I can get to keep charge and stay maintained and it just plugs right into the wall. I don’t have any problems with it and I don’t know I said before, I probably never will have to buy another one. ”