

# xantrex™

## LITHIUM ION BATTERY DATASHEET

AVAILABLE IN:

**240 Ah**  
12V



## MORE POWER IN LESS SPACE

The Xantrex Lithium Ion Iron Phosphate (LiFePO<sub>4</sub>) battery uses UL1973 certified cells. Equipped with redundant safety features, the Xantrex lithium battery is the safest in the market today. Specifically designed to withstand the harsh operating environments of mobile applications, the Xantrex lithium battery lasts up to 6,000 cycles\* compared to a traditional lead acid or AGM battery, which typically lasts 400-500 cycles. The Xantrex lithium battery offers exceptional power density and is also available with a heating blanket option if installation is outside the main cabin. With the Bluetooth connection enabled gathering real time data from the battery is incredibly simple and always accurate.



Internal BMS - reduces footprint



Cell Balancing - extends lifetime of battery



LED's to Monitor State of Charge



Remote Panel - view status of battery, turn battery on and off



Bluetooth - connect to the Xantrex mobile app to view status of battery



Parallel Stack up to 2 batteries

### APPLICATIONS:

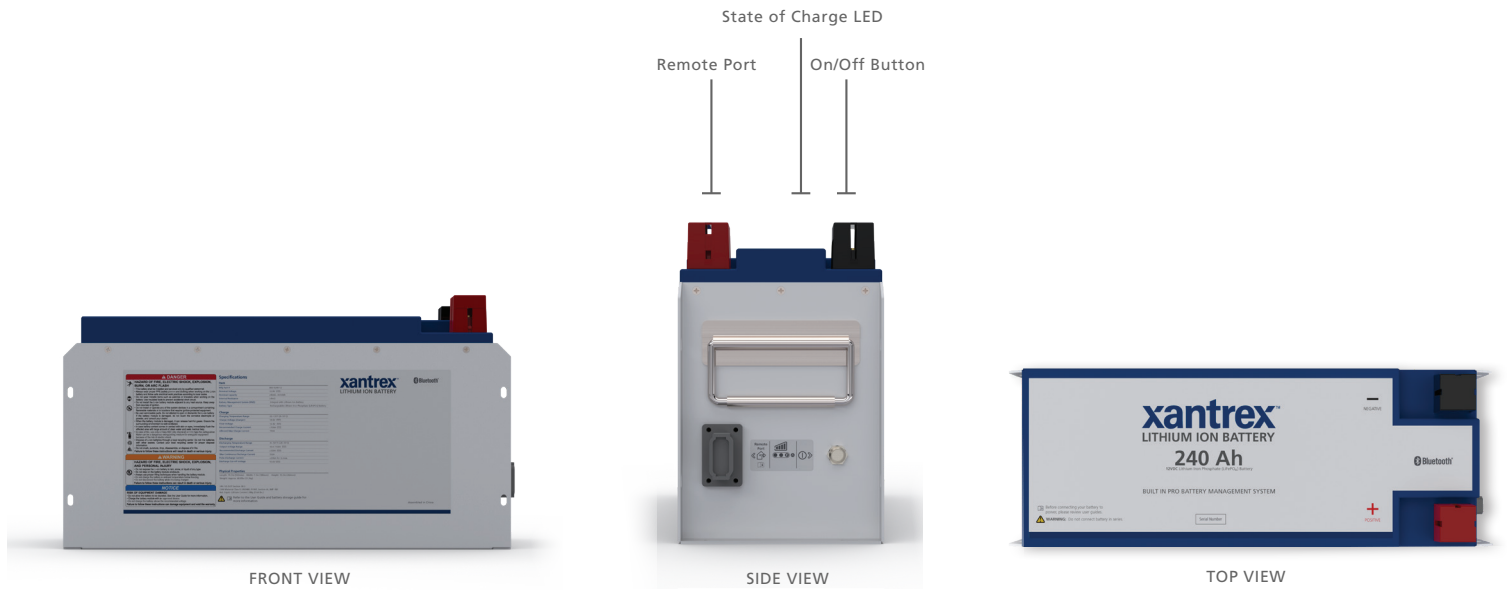


**5 YEAR  
WARRANTY**

[www.xantrex.com](http://www.xantrex.com)  
CUSTOMER CARE: 1.800.670.0707

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V1. 07.02.2021

\*Up to 6,000 Cycles under ideal conditions



COMING SOON

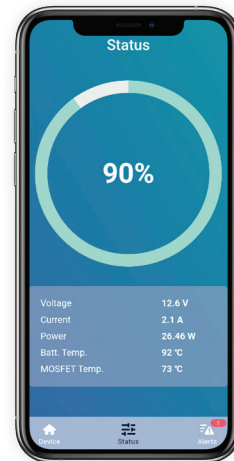
## XANTREX APP

- Connect with bluetooth
- Monitor battery

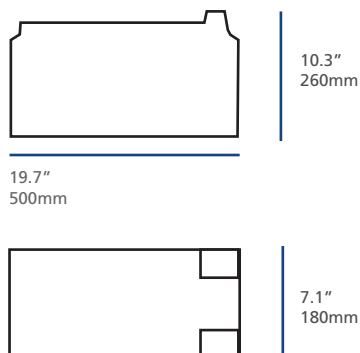
DOWNLOAD ON



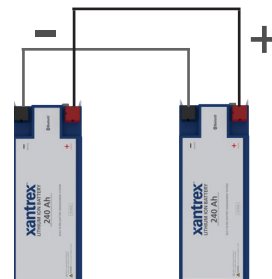
CONNECT WITH Bluetooth



### 240AH 12V DIMENSIONS



### PARALLEL STACK UP TO 2 BATTERIES



## BATTERY SPECIFICATION

Part Number	883-0240-12
Battery Voltage	12V
Nominal True Capacity	240Ah
Nominal Voltage	12.8 Volts
Nominal Watt Hours	3072Wh
Internal Impedence	<4mΩ
Charge Voltage	14.6V
Recommended Float Charge Voltage	13.6V
Recommended Charge Current	≤100A
Allowed Max Charge Current	150A
Output Voltage Range	10.0 - 14.6V
Recommended Discharge Current	100A
Max Continuous Discharge Current	150A
Pulse Discharge Current	300A (3s)
Discharge Cut-off Voltage	10V
Cycle Life to 80% Health	2800 (1.0C, 25°C, 80% Depth of Discharge) - increased cycle life with ideal conditions

## ENVIRONMENTAL

Charging Temperature Range	32 - 131°F (0 - 55°C)
Discharging Temperature Range	-4 - 131°F (-20 - 55°C)
Storage Period 1 Week	-4 - 113°F (-20 - 45°C)
Storage Period 1 Month	14 - 113°F (-10 - 45°C)
Storage Period 6 Months	50 - 77°F (10 - 25°C)

## MECHANICAL

Dimensions	19.7" x 7.1" x 10.3" (500mm x 180mm x 260mm)
Weight	69.4lbs (31.5kg)
Battery Terminals	M8 x 1.25
Carrying Capability	Two metal handles
Mouting Orientation	Standing

## CERTIFICATION

U.N. International Approval	UN/DOT 38.3 Lithium Ion
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## CONTACT

### CUSTOMER SERVICE

1.800.670.0707  
 customerservice@xantrex.com  
**Hours of operation:**  
 6:30am - 4:30pm PST, Monday to Friday



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www.xantrex.com