



# LITHIUM-ION BATTERY DATASHEET



AVAILABLE IN:

**410 Ah**  
12V

Built-in Heater

## MORE POWER IN LESS SPACE

The Xantrex Lithium-Iron Iron Phosphate ( $\text{LiFePO}_4$ ) Battery uses UL1642<sup>1</sup> certified cells. Equipped with redundant safety features, the Xantrex Lithium-Ion Battery is the safest in the market today. Specifically designed to withstand the harsh operating environments of mobile and marine applications, the Xantrex Lithium-Ion Battery lasts up to 6,000 cycle<sup>2</sup> compared to a traditional lead acid or AGM battery, which typically lasts 400–500 cycles.

The Xantrex Lithium-Ion Battery offers exceptional power density and is also includes an integrated heating blankets for installations in cold environments outside the main cabin. Optional remote State-Of-Charge display allows quick review of the state of the battery. Internal integration with the vehicle allows alternator control. RV-C communications for status and system integration.



Internal BMS - reduces footprint



Cell Balancing - extends lifetime of battery



Alternator Control - removes external regulator costs



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



Connect to the Xantrex mobile app to view status of battery



Parallel stack up to 8 batteries

### APPLICATIONS:



**10 YEAR  
WARRANTY<sup>3</sup>**

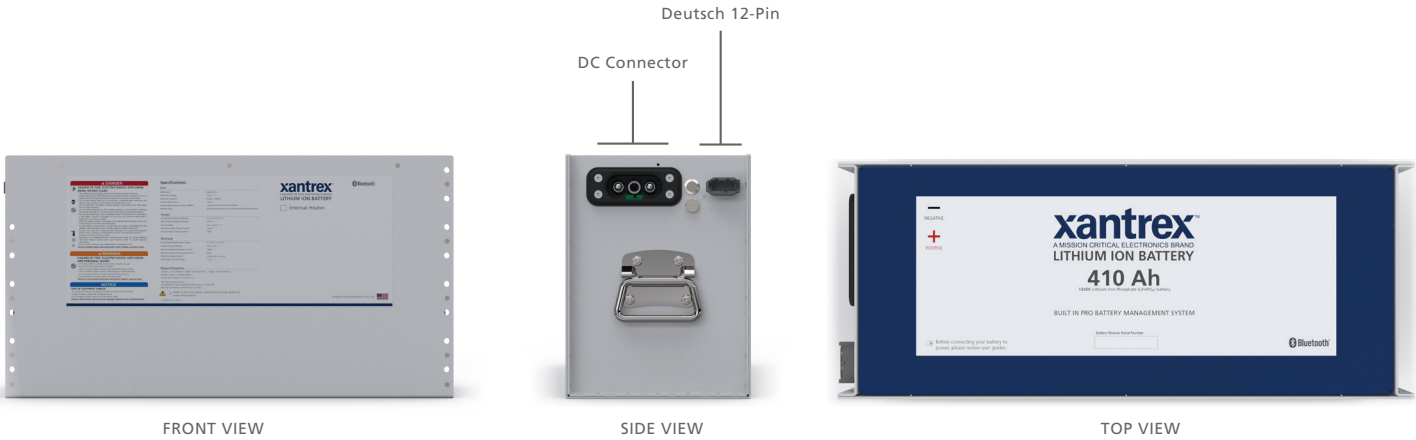
[www.xantrex.com](http://www.xantrex.com)  
CUSTOMER CARE: 1.800.670.0707

Copyright © 2022 Xantrex LLC. All Rights Reserved. All trademarks are owned by Xantrex LLC.  
V3. 06.27.2022

<sup>1</sup>(File MH61463; Model GBS-LFP100Ah-E)

<sup>2</sup>Up to 6,000 cycles under ideal conditions

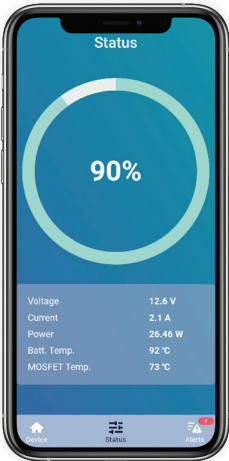
<sup>3</sup>Refer to our warranty policy document for full warranty details



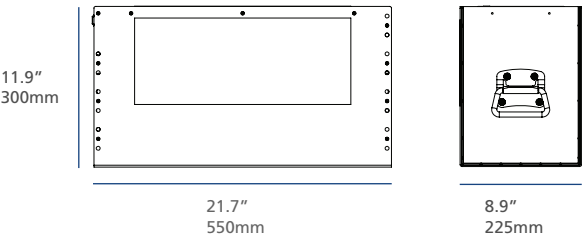
AVAILABLE NOW  
**XANTREX APP**

- Connect via smartphone
- Monitor battery

DOWNLOAD ON



**410AH 12V DIMENSIONS**



**PARALLEL STACK UP TO 8 BATTERIES**



MAXIMUM IN SERIES 1

## BATTERY SPECIFICATIONS

Part Number	884-0410-12
Battery Voltage	12V
Nominal True Capacity	410Ah
Nominal Voltage	12.8V
Nominal Watt Hours	5248Wh
Internal Impedence	<5mΩ
Charge Voltage	14.6V
Recommended Float Charge Voltage	13.6 – 14V
Recommended Charge Current	300A
Allowed Max Charge Current	300A
Output Voltage Range	11.2 – 14.4V
Recommended Discharge Current	300A
Max Continuous Discharge Current	300A
Pulse Discharge Current	1000A (1s) 500A (10s)
Discharge Cut-off Voltage	11.2V
Cycle Life to 80% Health	4500 (0.5°C, 25°C, 80% depth of discharge) - increase 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)

## MECHANICA

Dimensions	11.9" x 8.9" x 21.7" (300mm x 225mm x 550mm)
Weight	117.0lbs (53.1kg)
Battery Terminals	Rebling 7010-3 (5/16" Holes)
Carrying Capability	Two foldout handles
Mounting Orientation	Side label or top label up

## CERTIFICATION

U.N. International Approval	UN/DOT 38.3 Lithium Ion (Pending)
UL1642 Certified Cells	File MH61463; Model GBS-LFP100Ah-E

Specifications are subject to change without notice.

## CONTACT

### CUSTOMER SERVICE

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

 [facebook.com/Xantrex](https://facebook.com/Xantrex)

 [@Xantrex](https://twitter.com/Xantrex)

 [youtube.com/XantrexTechnology](https://youtube.com/XantrexTechnology)

### LEARN MORE ON:

[www.xantrex.com](https://www.xantrex.com)