

LITHIUM-ION BATTERY DATASHEET

AVAILABLE IN:

240 Ah
12V



MORE POWER IN LESS SPACE

The Xantrex Lithium-Iron Iron Phosphate (LiFePO₄) Battery uses UL1793¹ 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 applications, the Xantrex Lithium-Ion Battery lasts up to 6,000 cycles² 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 available with a heating blanket option if installation is outside the main cabin.



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



Connect to the Xantrex mobile app to view status of battery



Parallel Stack up to 2 batteries

APPLICATIONS:



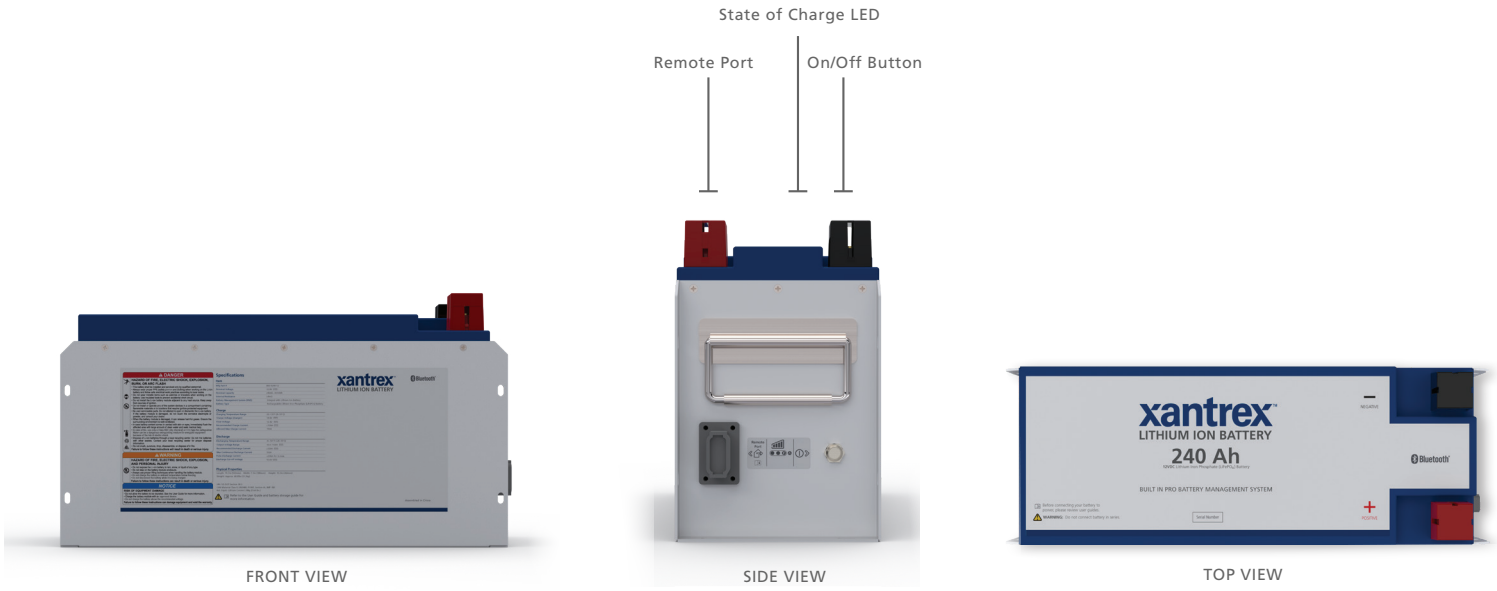
**10 YEAR
WARRANTY³**

www.xantrex.com
CUSTOMER CARE: 1.800.670.0707

¹(File MH62898; Model 6LH3L7)

²Up to 6,000 cycles under ideal conditions

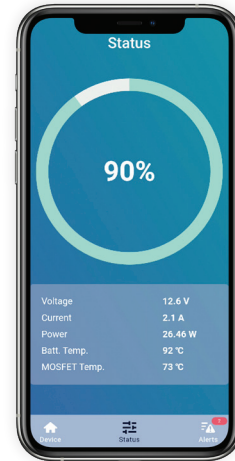
³Refer to our warranty policy document for full warranty details



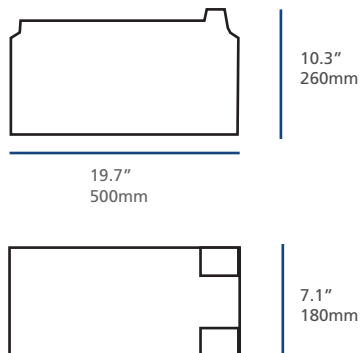
AVAILABLE NOW
XANTREX APP

- Connect via smartphone
- Monitor battery

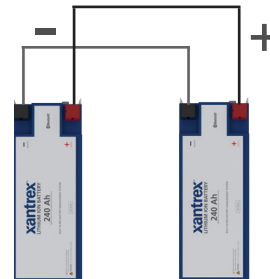
DOWNLOAD ON



12V 240AH DIMENSIONS



PARALLEL STACK UP TO 2 BATTERIES



BATTERY SPECIFICATIONS

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 – 60°C)
Discharging Temperature Range	-4 – 131°F (-20 – 60°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
Mounting Orientation	Standing

CERTIFICATION

U.N. International Approval	UN/DOT 38.3 Lithium Ion
UL1973 Certified Cells	File MH62898; Model 6LH3L7

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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