xantrex™
A MISSION CRITICAL ELECTRONICS BRAND

LITHIUM-ION BATTERY DATASHEET

AVAILABLE IN:

240 Ah
12V



MORE POWER IN LESS SPACE

The Xantrex Lithium-Ion Iron Phosphate ($LiFePO_4$) Battery uses UL1973[1] 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 cycles[2] 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 4 batteries

APPLICATIONS:



10 YEAR WARRANTY[3]

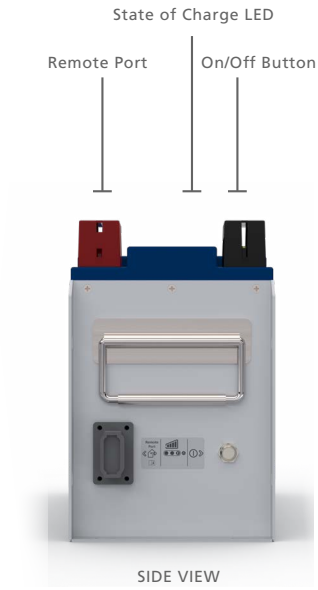
www.xantrex.com
CUSTOMER CARE: 1.800.670.0707

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[1](File MH62898; Model 6LH3L7)
[2]Up to 6,000 cycles under ideal conditions
[3]Refer to our warranty policy document for full warranty details



FRONT VIEW



SIDE VIEW



TOP VIEW

AVAILABLE NOW

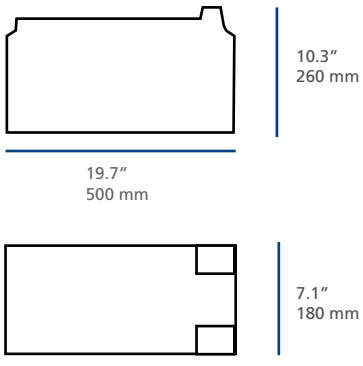
XANTREX APP

- Connect via smartphone
- Monitor battery

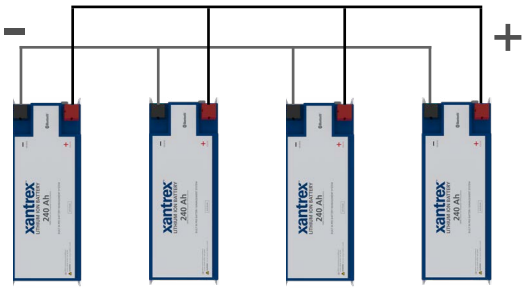
DOWNLOAD ON



12V 240AH DIMENSIONS



PARALLEL STACK UP TO 4 BATTERIES



BATTERY SPECIFICATIONS

Part Number	883-0240-12
Battery Voltage	12 V
Nominal True Capacity	240 Ah
Nominal Voltage	12.8 V
Nominal Watt Hours	3072 Wh
Internal Impedence	< 4 mΩ
Charge Voltage	14.6 V
Recommended Float Charge Voltage	13.6 V
Recommended Charge Current	≤ 100 A
Allowed Max Charge Current	150 A
Output Voltage Range	10.0–14.6 V
Recommended Discharge Current	120 A
Max Continuous Discharge Current	150 A
Pulse Discharge Current	300 A (3 s)
Discharge Cut-off Voltage	10 V

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” (500 x 180 x 260 mm)
Weight	69.4 lb (31.5 kg)
Battery Terminals	M8 x 1.25
Carrying Capability	Two metal handles
Mounting Orientation	Standing or On Its Side

CERTIFICATION

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

CONTACT

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