

More Power in Less Space

XANTREX LITHIUM-ION BATTERIES



SCAN QR CODE
TO LEARN MORE

www.xantrex.com

The Xantrex Lithium-Ion Iron Phosphate (LiFePO₄) Battery uses UL 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 marine and vehicle applications, the Xantrex Lithium-Ion Battery lasts up to 10 times the cycle of 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
- ✓ Rugged and durable, with UL Certified Cells
- 📱 Connect to the Xantrex mobile app to view status of battery
- 📦 Parallel stacking ability
- 🔄 Group 27 and 31 replacement options
- 🛡️ 10 year warranty

LITHIUM-ION BATTERIES HAVE A LOWER COST OF OWNERSHIP THAN A LEAD ACID BATTERY



12V 105Ah
883-0105-12

GROUP 27 REPLACEMENT GROUP 31 REPLACEMENT



12V 125Ah
883-0125-12



12V 240Ah
883-0240-12



24V 50Ah
883-0050-24-B

GROUP 31 REPLACEMENT



36V 50Ah
883-0050-36-B

GROUP 31 REPLACEMENT

BATTERY SPECIFICATIONS

	24V 50AH LITHIUM-ION BATTERY	36V 50AH LITHIUM-ION BATTERY
Part Number	886-0050-24	886-0050-36
Battery Voltage	24V	36V
Nominal Capacity	50Ah	50Ah
Nominal Voltage	25.6V	38.4V
Nominal Watt Hours	1280Wh	1920Wh
Internal Impedance	≤ 30mΩ @ 1kHz AC	≤ 30mΩ @ 1kHz AC
Charge Voltage	29.2V	43.8V
Recommended Float Charge Voltage	27.6V	41.4V
Recommended Discharge Current	50A	80A
Pulse Discharge Current	< 170A for 3 Seconds	< 170A for 3 Seconds
Discharge Cut-off Voltage	20V	30V
Cycle Life to 80% Health	4000 Cycles	4000 Cycles

ENVIRONMENTAL

	24V 50AH LITHIUM-ION BATTERY	36V 50AH LITHIUM-ION BATTERY
Charging Temperature Range	0 - 55°C (32°F - 131°F)	0 - 55°C (32°F - 131°F)
Discharging Temperature Range	-20 - 65°C (-4°F - 149°F)	-20 - 65°C (-4°F - 149°F)
Storage Period 3 Months	-10 - 45°C (14 - 113°F) 5-75%RH	-10 - 45°C (14 - 113°F) 5-75%RH
Storage Period 6 Months	0 - 30°C (32 - 86°F) 5-75%RH	- 35°C (59 - 95°F) 5-75%RH

MECHANICAL

	24V 50AH LITHIUM-ION BATTERY	36V 50AH LITHIUM-ION BATTERY
Dimensions	12.9 x 6.8 x 9.4in (330 x 173 x 240mm)	12.9 x 6.8 x 9.4in (330 x 173 x 240mm)
Weight	27.5lbs (12.5kg)	34.1lbs (15.5kg)
IP Rating	IP54	IP54
Battery Terminals	M8	M8
Mounting Orientation	Table mount only	Table mount only

CERTIFICATION

	24V 50AH LITHIUM-ION BATTERY	36V 50AH LITHIUM-ION BATTERY
U.N. International Approval	UN/DOT 38.3 Lithium Ion	UN/DOT 38.3 Lithium Ion
UL1642 Certified Cells	File MH49498	File MH49498

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

 @Xantrex

 youtube.com/XantrexTechnology

LEARN MORE ON:

www.xantrex.com