



PREDATOR
BATTERIES LTD



PR12-200-XBH/67 12.8V 2560 Wh

Lithium Iron Phosphate (LiFePO4) Battery
Waterproof (IP67), Bluetooth, Heating, RS485 & CANbus

GO SMARTER

Predator XBH/67 Lithium Battery is a cutting-edge power solution designed for durability and high performance. With an IP67 rating, it offers exceptional resistance to water and dust, making it suitable for a wide range of demanding environments. This battery features Bluetooth connectivity, allowing users to monitor and manage performance through APP or compatible devices. Integrated heating functionality ensures reliable operation even in extreme cold, while CANbus and RJ45 connections provide seamless integration with advanced vehicle systems. Built for longevity, the XBH/67 delivers up to 5000 charge cycles and supports a peak discharge current of 400A. Its operating voltage ranges from 10V to 14.8V, making it versatile for various applications.

GO SAFER

Using EVE, Grade A, LF100 LA Cells and JBD BMS, the XBH/67 is one of the safest lithium batteries available today. The XBH/67 also has an external on/off switch for additional safety.

GO LONGER

With a 6 year warranty and 5,000 cycles at 90% and a whopping 10,000 cycles at 50% the XBH/67 Battery Range challenges all its competition with cycle life expectancy.

DIMENSIONS:



PERFORMANCE SPECIFICATIONS

Nominal Voltage	12.8 V
Watt-Hour	2560 Wh
Continuous Discharge Current	200A (1C)
Standard Discharge Current	40A (0.2C)
Peak Discharge Current	400A (3S)
Standard Charge Current	40A (0.2C)
Continuous Charge Current	200 A
Waterproof Level	IP67
Approximate Weight	20.5kg
Initial Impedance	<= 20 milliohms
Cycle Life	>= 5,000
Cell Type	8 x EVE LF100 LA Cells
BMS	JBD-DP04S020 / L4S-200A-200A-B-U-R-C LiFe Po4
Charge Cut off Voltage	14.6 V
Discharge Cut off Voltage	10.0 V
Storage Temperature	-20°C TO 40°C



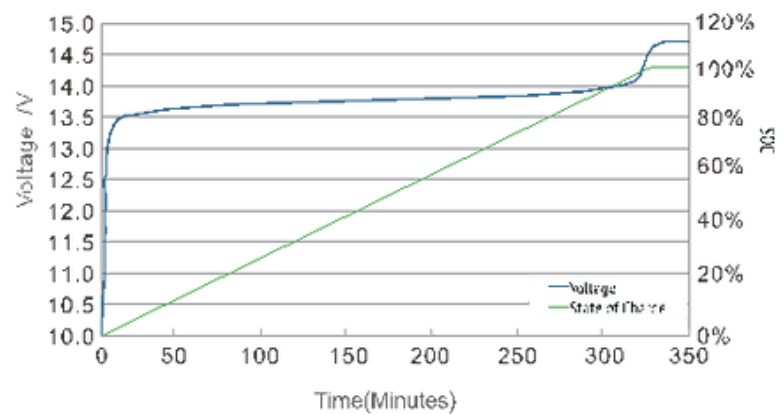


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CHARGE VOLTAGE and STATE OF CHARGE (SOC) CHARGE 0.2C@25°C(77°F)



CHARGING

The battery can be used if the voltage is higher or equal to 12.8V, although we recommend fully charging the battery if the voltage is below 13.0V. Apply constant voltage charge between 14.4V and 14.8V to fully charge the battery.

The XBH/67 series requires Lithium compatible chargers and testers. We do not recommend the use of lead acid chargers as many in the market are not suitable for Lithium Iron Phosphate batteries.

WARRANTY

Designed and engineered at our ISO 9001:2001 certified factories. All batteries are subject to stringent quality control through every step of the manufacturing process, ensuring both consistency and reliability. The XBH/67 is backed by a 10 year limited warranty.

