PREDATOR
BATTERIES LTD

PR12-700-LB1

12.8V
700 CCA

Lithium Iron Phosphate (LiFePO4) Battery

GO SMARTER

Active intelligent monitoring. At The heart of SureStart Lithium battery is an integrated management system that monitors and reacts to multiple voltage, current, and temperature events to maximize performance, battery life and safety.

GO SAFER

Lithium Iron Phosphate (LiFePO4) is the safest type of lithium battery and a ready to go replacement and upgrade from lead acid, AGM or gel.

GO FASTER

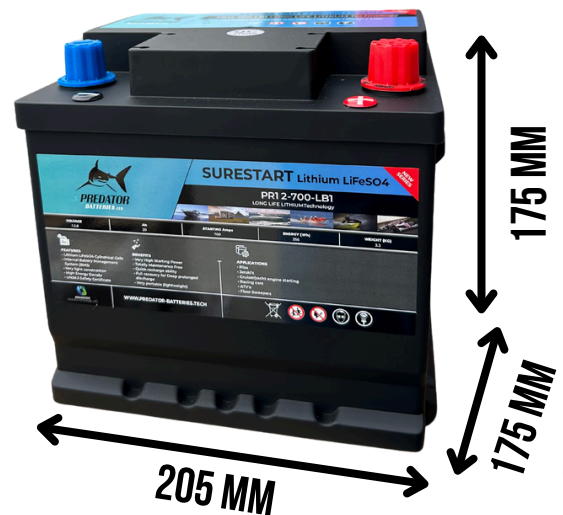4X lighter 4X faster
charge time

GO LONGER

4X longer life
4X the warranty

DIMENSIONS:

175 MM

175 MM

205 MM

PERFORMANCE SPECIFICATIONS

Nominal Voltage	12.8 V
Watt-Hour	256 Wh
Discharge	700A
Approximate Weight	3.4kg
Initial Impedance	<10milliohms
Cycle Life	>= 4000
Charge Retention (Shelf life) (at 68°F/20°C) 1Month	>= 99.9%
Operating Temperature Range	1.4°F (-17°C) to 186°F (85°)
Charge Discharge	5°F (-15°C) to 149°F (65°C)
Storage	32°F (0°C) to 86°F (30°C)
Case	230°C heat resistant case and cover UL94-V0 flammability

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UN38.3 PASSED
Transport Safety Certified

DISCHARGING CHART

Voltage (V) vs Capacity (%) — 1C, 25C, 30C, 35C, 40C
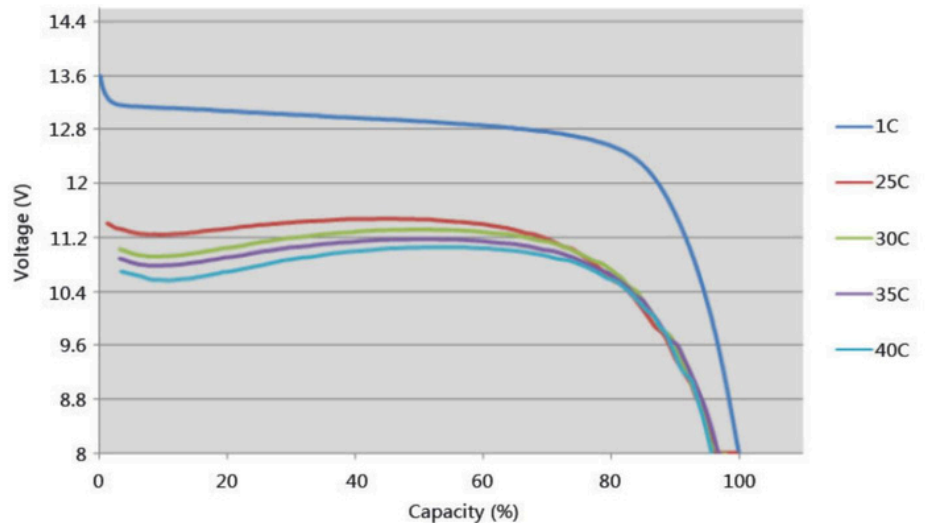
CHARGING

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 SureStart 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 SureStart series is backed by a 5-year limited warranty.