

Lithium Ion Car Start Battery 12.8V 512Wh 40Ah

This is a lithium ion car start battery with 12.8V, 512Wh, and 40Ah. It provides reliable power for starting car engines.



Product Overview

High-Performance Automotive Lithium Battery

This advanced 12.8V 512Wh lithium iron phosphate (LiFePO4) battery is engineered as a direct, drop-in replacement for traditional lead-acid starting, lighting, and ignition (SLI) batteries. It offers significant advantages including a 50% weight reduction and improved fuel efficiency due to higher voltage output and rapid recharge capabilities. Designed for reliability and longevity, it features integrated Bluetooth connectivity for real-time monitoring of state of charge, voltage, and temperature via mobile application.

Performance Metrics

Key Performance Indicators

40 Ah

Capacity

600 CCA

Cold Cranking Amps

12.8 V

Nominal Voltage

Physical Specifications

Physical Dimensions	242 x 175 x 190 mm
Weight	9 kg

Electrical Specifications

Charging Current	STD: 20A, Max: 100A
Voltage Limit	14.4 V

Compatibility

Standard Group Sizes	IEC LN2, BCI 35, BCI 85, BCI 75, BCI 86, BCI 47, BCI 78
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Key Features

Core Benefits

- LiFePO4 stable pouch cell technology
- Bluetooth intelligent monitoring and push alerts
- 10% fuel saving efficiency
- Rapid recharge performance
- Lead-free, eco-friendly design