



Battle Born® 10Ah 12V LiFePO₄ Deep Cycle Battery

BASE
SERIES

Model: BBBS1012

The **Battle Born Base Series 12V 10Ah LiFePO₄** battery is a versatile small-form-factor solution for a wide range of everyday applications. Built with premium quality cylindrical LiFePO₄ cells, it delivers reliable capacity, fast charging, and long service life—all in a compact package. Rated for 3,000 - 5,000 charge cycles, this battery can last over 10 years with proper use.

A direct replacement for 12V sealed lead-acid (SLA) batteries, it provides safer operation and more than double the usable capacity in a lighter, longer-lasting design. A built-in Battery Management System (BMS) provides protection against extreme electrical and thermal conditions when used within a properly designed system.

Whether you're powering ice fishing gear, LED lighting, small solar setups, kids' scooters or backup devices, this battery delivers consistent performance without the added complexity of larger systems. The rugged, weather-resistant design makes it suitable for both indoor and outdoor use.

Backed by a 5-year warranty and Battle Born's industry-leading support, the Base Series 10Ah gives you confidence that even your smaller-scale power needs are covered.



Key Features

10Ah / 128Wh Capacity—compact lithium power in a small footprint

Premium Cylindrical LiFePO₄ Cells—safe, stable, and long-lasting

3,000 to 5,000 Cycles—outlasts sealed lead-acid replacements

Advanced Battery Management System (BMS)—provides protection against extreme electrical and thermal conditions when used within a properly designed system.

Certified for Safety—CE and ROHS compliant

Rugged, Weather Resistant Build—dependable in demanding conditions

Lightweight & Portable—easy to transport and install



Backed by U.S.-Based Battle Born Support

BATTLE BORN®
Unstoppable Power Solutions

battlebornbatteries.com



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Ideal Applications—12V 10Ah LiFePO₄ Battery

Designed as a direct, drop-in lithium upgrade for standard 1270 form factor SLA batteries, including popular models like the UB1280.

Fish finders, flashers, and small boating electronics

Robotics, sensors, and industrial equipment

Ice fishing setups and portable outdoor gear

Hiking, camping, and portable off-grid power

Replacement for small sealed lead-acid batteries (12V)

Remote power for small electronics and devices

Electric scooters and lightweight mobility devices

General outdoor and adventure applications

Solar lighting and compact backup power systems

Specifications

Electrical Specifications

Nominal Voltage	12.8V
Capacity	10Ah
Energy	128Wh
Internal Resistance	≤50mΩ
Cell Type	LiFePO ₄ (Cylindrical)
PbEq (Lead-Acid Equivalent)	~20Ah SLA

Charge & Discharge

Recommended Charge Voltage	14.4V
Standard Charge Current	2A
Maximum Charge Current	5A
Maximum Continuous Discharge	10A
Discharge Cut-Off Voltage	~10V

Mechanical

Dimensions (L x W x H)	5.94 in. x 2.56 in. x 3.66 in.
Weight	2.65 lbs.
Case Material	ABS (Impact Resistant)

Temperature Ranges

Charging	32°F to 122°F (0°C to 50°C)
Discharging	-4°F to 140°F (-20°C to 60°C)

Proper system design, including appropriate wiring and external overcurrent protection, is required. Refer to the product manual for installation and application guidance.