

RB12 : 12Ahr, 12V Lithium Battery by RELiON



Price: CAD \$249.00

SKU: RB12

Product Categories: [Batteries](#), [Lithium](#), [Multi-Use : 12V, 3-19Ahr](#), [Shop](#)

Product Tags: [12.8v](#), [12ah](#), [12v](#), [canada](#), [lfp](#), [lifepo4](#), [lithium](#), [rb12](#), [reliion](#), [reliion battery](#), [reliion rb12](#), [reliion rb12 canada](#)

Product Page:

<https://www.modernoutpost.com/product/rb12-12ahr-12v-lithium-battery-by-reliion/>

Product Summary

This is the RELiON RB12. A 12Ahr 12V Lithium Iron Phosphate Battery and their smallest and lightest deep cycle battery. It has twice the power, half the weight and lasts much longer than its lead-acid counterparts. This powerful lithium battery packs a punch, giving you the perfect amount of power for full-day fishing, radio, or other outdoor recreation adventures.

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The RB12 is commonly used for fish finders, flashers and boating electronics, ice fishing, camping, scooters, solar and emergency lighting, robotics, remote power, UPS, security backup systems, radios, telecommunications, and other deep cycle applications.

RELiON lithium batteries provide more energy for high consumption than traditional lead-acid batteries. They also offer ultra-fast charging and discharging, high efficiency and longer cycle life – plus no maintenance!

Not all lithium batteries are created equal. All RELiON Batteries use the safest and most stable components, including a LiFePO4 cathode and a built-in Battery Management System (BMS). The BMS ensures a long lifetime, safe handling – and high-accuracy State of Charge (SOC) calculations.

The RB12 Lithium

A Better Choice Than Lead-Acid AGM

The RB12 is ideal for industrial applications where you need a long lifespan and quick charge capability or in outdoor/recreational use where lighter weight and capacity are key. It's commonly used in the following applications: fish finder and flashers, robotics, scooters, solar lighting, remote power, security alarm systems, camping, hiking and other deep cycle applications.

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RELiON RB12 Specifications...

DIMENSIONS & WEIGHT

Length: 5.9 in (151 mm)

Width: 3.9 in (98 mm)

Height: 4 in (101 mm)

Weight: 3.6 lbs (1.65 kg)

Terminal Type F2

Case Material ABS

Enclosure Protection IP66

ELECTRICAL SPECIFICATIONS

Voltage : 12.8V

Amp Hours : 12Ah

Energy : 128 Wh

Cell Type : Cylindrical

Chemistry : LiFePO4

Efficiency : 99%

Self Discharge : <3% per Month

Maximum Modules in Series : 1

DISCHARGE SPECIFICATIONS

Maximum Continuous Discharge Current : 10 A

Peak Discharge Current : 20 A (7.5 s \pm 2.5 s)

CHARGE SPECIFICATIONS

Recommended Charge Current : 0.5 A - 5 A

Maximum Charge Current : 10 A

Recommended Charge Voltage : 14.2 V - 14.6 V

COMPLIANCE SPECIFICATIONS

Certifications : CE (Battery)

UN38.3 (Battery)

UL1642 (Cells) (File# MH64523)

IEC62133 (Cells)

[Download the Full Spec Sheet](#)]

Product Attributes

- Dimensions: 1 × 1 × 1 cm
- Weight: 2 kg