

RB100 : 100Ahr, 12V Lithium Battery by RELiON



Price: CAD \$1,599.00

SKU: RB100

Product Categories: [Multi-Use : 12V, >100Ah](#), [Batteries](#), [Lithium](#), [On The Road](#), [Pop Picks For Vans & RVs](#), [Shop](#)

Product Tags: [canada](#), [group 31 battery](#), [group 31 lithium](#), [lfp battery](#), [lifepo4](#), [lifepo4 battery](#), [lithium](#), [rb100](#), [rb100 canada](#), [reliion rb100](#), [reliion rb100 canada](#)

Product Page:

<https://www.modernoutpost.com/product/rb100-100ahr-12v-lithium-battery-by-reliion/>

Product Summary

The RB100 is a 12V 100Ah deep cycle lithium battery, and the perfect replacement for group 31 AGM, GEL or lead-acid Battery. Providing double the useable energy, and half the weight, it's a lightweight alternative to lead-acid and one of our most popular lithium batteries. Versatile, compact and more powerful than its lead-acid alternatives, It's the perfect combination of size and capacity to fit many

applications including, RV, van conversions, marine, solar energy systems and more.

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They also offer ultra-fast charging and discharging, high efficiency and longer cycle life – plus no maintenance! Unlike lead-acid batteries which sulphate under prolonged partial state-of-charge operation, RELiON lithium-iron-phosphate batteries operate fine in partial SOC situations.

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.

RB100 Specifications In Brief

Voltage: 12.8V

Amp Hours: 100Ah

Warranty: 7 years at 80% DoD (3-year replacement, 4-year pro-rate)

Length: 13 in (329 mm)

Width: 6.8 in (172 mm)

Height: 8.8 in (223 mm)

Weight: 26.4 lbs (11.98 kg)

[Download the Data Sheet](#)] [Download the User Guide](#)]

System Integration Note

The RB100 will work fine with standard AGM charging parameters. If your system

has lithium settings, or is programmable, then use the RELiON recommended settings to get the most out of your battery.

If you are running an inverter from this battery, be sure to check the recommended maximum current draw, and parallel string as necessary to support the inverter's demand.

Product Attributes

- Dimensions: 1 × 1 × 1 cm
- Weight: 15 kg