

RB24V200 : 24V 200Ah LiFePO4 Battery from RELiON



Price: CAD \$5,999.00

SKU: RB24V200

Product Categories: [Batteries](#), [Lithium](#), [Multi-Use : 24V](#), [Shop](#)

Product Tags: [200ah](#), [24V](#), [5kwh](#), [battery](#), [canada](#), [lfp](#), [lifepo4](#), [lithium](#), [off-grid](#), [RB24V200](#), [RB24V200 canada](#), [reliion RB24V200](#), [reliion RB24V200 canada](#), [solar](#)

Product Page:

<https://www.modernoutpost.com/product/rb24v200-24v-200ah-lifepo4-battery-from-reliion/>

Product Summary

This is the RB24V200. It's a 24V 200Ah LiFePO4 Battery from RELiON that makes smaller off-grid solar installations fast, simple, and reliable. It maintains consistent power and is equipped with an M10 terminal type and a built-in battery management system (BMS). The RB24V200 battery meets UL, CE and IEC

certifications.

Product Description

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At 5kWh, the RB24V200 provides a convenient building block for off-grid solar systems. Fewer batteries, reduced wiring needs, and reliable, efficient performance for far longer than traditional lead-acid systems.

All RELiON LiFePO4 batteries have installation flexibility, fast-charging capabilities, and are completely maintenance free.

RB24V200 Specifications In Brief

Nominal Voltage : 25.6v

Nominal Capacity : 200Ah

Energy : 5120 Wh

Efficiency : 99%

Self Discharge <3% per Month

Maximum Modules in Series : 1

Maximum Recommended Parallel : 4

Dimensions : 16.1 x 14.44 x 16.4" (410 x 367 x 417 mm)

Weight : 110.2 lbs (50 kg)

Terminal Type : M10 x 1.5

Case Material Steel Case

Enclosure Protection IP65

Cell Type- Chemistry Cylindrical - LiFePO4

Electrical

Maximum Continuous Discharge Current : 200A

Peak Discharge Current : 250A (7.5 s ± 2.5 s)

Recommended Low Voltage Disconnect : 22V

Short Circuit Protection : 200-600 μ s Recommended Charge Current : 10A to 100A
Per Battery

Maximum Charge Current : 200 A

Recommended Charge Voltage : 28.4 V - 29.2 V

Balancing Voltage : 28.8 V (3.6 \pm 0.025 vpc)

Compliance

Certifications UN38.3 & CE (battery)

UL1642 (cells) (File# MH64523)

IEC62133 (cells)

Shipping Classification UN 3480, CLASS 9

Warranty : 10 Years

[Download the RB24V200 Spec Sheet here](#)]

Product Attributes

- Dimensions: 1 × 1 × 1 cm
- Weight: 50 kg