

## RB35 : 35Ahr, 12V Lithium Battery by RELiON



Price: CAD \$699.00

**SKU:** RB35

**Product Categories:** [Batteries](#), [Lithium](#), [Multi-Use : 12V, 20-99Ahr](#), [Shop](#)

**Product Tags:** [12v](#), [35ahr](#), [canada](#), [rb35](#), [rb35 canada](#), [reliion](#), [reliion battery](#), [reliion battery canada](#), [reliion rb35 canada](#)

**Product Page:**

<https://www.modernoutpost.com/product/rb35-35ahr-12v-lithium-battery-by-reliion/>

### Product Summary

The RB35 is an efficient and fast-charging 12V 35ah lithium battery, powerful yet compact enough to fit in many deep cycle applications. The RB35 is a lithium iron phosphate (LiFePO4) battery with more power, less weight and up to 10x longer life than its lead-acid counterparts.

This is the recommended battery replacement for the **Goal Zero Yeti 400** (SLA model). Longer run times, and lighter weight than the [original SLA replacement](#)].

### Product Description

The RB35 is an efficient and fast-charging 12V 35ah lithium battery, powerful yet compact enough to fit in many deep cycle applications. The RB35 is a lithium iron phosphate (LiFePO<sub>4</sub>) battery with more power, less weight and up to 10x longer life than its lead-acid counterparts.

This is the recommended battery replacement for the **Goal Zero Yeti 400** (SLA model). Longer run times, and lighter weight than the [original SLA replacement](#). Lithium is the logical choice for applications that will exhaust the batteries or run in extreme weather. RELiON lithium batteries provide more energy for high consumption than traditional lead-acid batteries. Lead-acid batteries also need to be maintained. If they are not maintained properly, their life span is shortened. Because lithium batteries require no active maintenance, a one-time purchase guarantees better lifetime value.

The RB35 is suitable in many outdoor and recreation applications where lighter weight and capacity are key. It's commonly used in the following applications: fishing electronics, robotics, solar lighting, remote power, outdoor adventures, 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 a 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 LiFePO<sub>4</sub> 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.

RB35 Specifications...

### **ELECTRICAL**

Nominal Voltage : 12.8 V

Nominal Capacity : 35 Ah

Capacity @ 25A : 84 min

Energy : 448 Wh

Resistance : ≤50 mΩ @ 50% SOC

Efficiency : 99%

Self Discharge : <3% per Month

Maximum Modules in Series : 3

### **MECHANICAL**

Dimensions (L x W x H) : 195 x 131 x 171 mm (7.7 x 5.2 x 6.7")

Weight : 4.5 kg (9.9 lbs)

Terminal Type : M8 x 1.25 x 12mm

Case Material : ABS

Enclosure Protection : IP56

Cell Type : Cylindrical

Chemistry : LiFePO4

### **COMPLIANCE**

Certifications : CE (battery)

UN38.3 (battery)

UL1642 & IEC62133 (cells)

Shipping Classification UN 3480, CLASS 9

[Download the Spec Sheet Here](#)]

### Product Attributes

- Dimensions: 1 &times; 1 &times; 1 cm
- Weight: 1 kg