

## RB10PVC : Lithium Battery Pack by RELiON



Price: CAD \$189.00

**SKU:** RBRB10PVC

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

**Product Tags:** [10ah](#), [12.8v](#), [120Wh](#), [canada](#), [lfp](#), [lithium](#), [lithium iron phosphate](#), [portable HAM](#), [rb10](#), [rb10pvc](#), [rb10pvc canada](#), [reliion rb10pvc](#), [solar battery](#)

**Product Page:**

<https://www.modernoutpost.com/product/rb10pvc-lithium-battery-pack-by-reliion/>

### Product Summary

This is the RB10PVC, a cost-effective lithium battery pack by RELiON. Offering 120Wh of energy storage making it a great option for your DIY portable power systems. This lightweight PVC wrapped battery has wire leads, built-in BMS and temperature control. RELiON's 12V 10Ah lithium iron phosphate batteries also feature a built-in battery management system (BMS). All RELiON LiFePO4 batteries have installation flexibility, fast-charging capabilities and are maintenance free.

## Product Description

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### RB10PVC Specifications

- Voltage: 12.8V - Amp Hours: 10Ah - Energy: 128 Wh - Cell Type: Cylindrical -  
Chemistry: LiFePO4 **DISCHARGE**

Maximum Continuous Discharge Current 10 A

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

BMS Discharge Current Cut-Off 30 A  $\pm$ 5 A (10  $\pm$ 5 ms)

Recommended Low Voltage Disconnect 11 V

Short Circuit Protection 200-500  $\mu$ s

### **CHARGE**

Recommended Charge Current .5 - 5 A

Maximum Charge Current 10 A

Charge Current 32°F to 14°F (0 to -10 °C)  $\leq$ 0.1 C

Charge Current -4°F to 14°F (-20 to -10 °C)  $\leq$ 0.05 C

Recommended Charge Voltage 14.2 V - 14.6 V

### **DIMENSIONS**

Length: 10.3 in (262 mm)

Width: 1.4 in (36 mm)

Height: 3 in (77 mm)

Weight: 4 lbs (1.8 kg)

- Terminal Type: Wire Leads (250-300 mm) - Case Material: PVC

### CERTIFICATIONS

CE (battery)

UN38.3 (battery)

UL1642 (cells)

IEC62133 (cells)

[Download The Complete Spec Sheet \(PDF\)](#)

## Applications

- Solar - Portable HAM Radio - Expeditions

## Product Attributes

- Dimensions: 1 &times; 1 &times; 1 cm
- Weight: 2 kg