

HUB-12.8V-40-LFP-U1: 12V, 40Ah Lithium Battery



Price: CAD \$529.00

SKU: HUB-12.8V-40-LFP-U1

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

Product Tags: [12.8v](#), [12v](#), [40ah](#), [canada](#), [cold weather lithium](#), [heated lithium](#), [hub power](#), [HUB-12.8V-40-LFP-U1](#), [HUB-12.8V-40-LFP-U1 canada](#), [lfp canada](#), [lifepo4](#), [lifepo4 battery canada](#)

Product Page: <https://www.modernoutpost.com/product/hub-12-8v-40-lfp-u1-12v-40ah-lithium-battery/>

Product Summary

The HUB-12.8V-40-LFP-U1 is a premium 12V, 40Ah Lithium battery that's ideal for smaller renewable energy projects, emergency power boxes, and portable power stations. Outstanding performance from a Canadian company that's dedicated to performance.

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Hub Power is a Canadian-based company, building their batteries with certified, verified grade A Lithium Iron Phosphate cells. It matters, both for safety, and performance of the battery.

This is why HUB provides a 10-year limited warranty with a 4-year replacement period.

HUB-12.8V-40-LFP-U1 Advantages

Start at the core of what a battery needs to provide

- Prismatic LiFePO4 Lithium Iron Phosphate Grade A cells

- High Reliability
- Fast and Efficient charge/ discharge cycles
- Deep Discharge capability
- Fully Recycle capability
- Light weight
- Environmentally friendly
- UL Approved Cells
- Safety UN38.3 approved
- UN3480, CLASS 9

HUB-12.8V-40-LFP-U1 Specifications in Brief

ELECTRICAL SPECIFICATIONS

Nominal Voltage : 12.8V

Amp Hour Capacity : 40AH

Energy Density : 512Wh

Efficiency - round trip : > 99.5%

Self Discharge per Month : < 3%

**Do not configure series and parallel connections simultaneously

**Max 4 series connections (12 - 48V)

**Max 4 parallel connections 40-160AH (2,048Wh)

CHARGE SPECIFICATIONS

Recommend Charge current 2A - 20A

Max Charge current 40A

DISCHARGE SPECIFICATIONS

Max Cont Discharge current : 40A

Peak Discharge Current 3C : 120A

BMS Current Cut Off (10S) : >42A

HEATING CIRCUIT

Operating Range : (-20 to 5C)

MECHANICAL SPECIFICATIONS

Dimensions L x W x H : 195 x 130 x 168mm / 7.68 x 5.11 x 6.61"

Weight : 6.5kg / 14.3lbs

Terminal Type : M8

Download the complete Spec Sheet

Product Attributes

- Dimensions: 20 × 14 × 18 cm
- Weight: 6.5 kg