

HUB-51.2V-100-LFP-8D : 48V, 100Ah Lithium Battery with Heating

48V 100AH

Integrated Heating



Price: CAD \$4,499.00

SKU: HUB-51.2V-100-LFP-8D

Product Categories: [Batteries](#), [Lithium](#), [Multi-Use : 48V](#), [Shop](#)

Product Tags: [48v](#), [5000wh](#), [5kwh](#), [8D](#), [cabin](#), [cabin battery](#), [canada](#), [cottage](#), [HUB-51.2V-100-LFP-8D](#), [HUB-51.2V-100-LFP-8D canada](#), [lfp](#), [lifepo4](#), [lithium](#), [lithium iron phosphate](#)

Product Page:

<https://www.modernoutpost.com/product/hub-51-2v-100-lfp-8d-48v-100ah-lithium-battery-with-heating/>

Product Summary

The HUB-51.2V-100-LFP-8D is a premium 48V, 100Ah Lithium battery with built-in heating system. Ideal for cabins, this battery draws on the incoming charging

source to ensure that its cells are kept above freezing temperatures for optimum performance.

Product Description

The HUB-51.2V-100-LFP-8D is a premium 48V, 100Ah Lithium battery with built-in heating system & Bluetooth communications. Ideal for cabins, this battery draws on the incoming charging source to ensure that its cells are kept above freezing temperatures for optimum performance. The Bluetooth connection means that you have battery status information at your fingertips.

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-51.2V-100-LFP-8D Advantages

Start at the core of what a battery needs to provide

- 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-51.2V-100-LFP-8D Specifications in Brief

ELECTRICAL SPECIFICATIONS

Nominal Voltage : 51.2V

Amp Hour Capacity : 100AH

Energy Density : 5120Wh

Efficiency - round trip : > 99.5%

Self Discharge per Month : < 3%

**No series connections n/a

**Max 16 - parallel connections 100-1600AH (81,920Wh)

CHARGE SPECIFICATIONS

Recommend Charge current 10A - 100A

Max Charge current 100A

DISCHARGE SPECIFICATIONS

Max Cont Discharge current : 100A

Peak Discharge Current 3C : 300A

BMS Current Cut Off (10S) : >120A

HEATING CIRCUIT

Operating Range : (-20 to 5C)

MECHANICAL SPECIFICATIONS

Dimensions L x W x H : 20.47 x 10.55x 8.93in / 520 x 268 x 227mm

Weight : 85.15lbs (38.6KG)

Terminal Type : M8

Download the complete Spec Sheet

Product Attributes

- Dimensions: 52 × 27 × 23 cm
- Weight: 39 kg