

BLF-12100AS : 12V, 100Ah LFP Battery by Bioenno



Price: CAD \$1,149.00

SKU: BBBLF-12100AS

Product Categories: [Batteries](#), [Lithium](#), [Multi-Use : 12V, >100Ah](#), [Shop](#)

Product Tags: [100ah](#), [12v](#), [bioenno](#), [bioenno blf-12100as](#), [blf-12100as](#), [blf-12100as canada](#), [canada](#), [iron phosphate](#), [lfp](#), [lifepo4](#), [lithium](#)

Product Page:

<https://www.modernoutpost.com/product/blf-12100as-12v-100ah-lfp-battery-by-bioenno/>

Product Summary

This is the BLF-12100AS. A 12V, 100Ah LFP Battery by Bioenno, suitable for drop-in replacement of AGM and SLA lead-acid batteries. Putting out more power than a 12V 200Ah SLA at one fifth the weight and featuring Bioenno Power's unique integrated computer-control system, this battery offers you not only ABS hard-case ruggedness but also light weight and ease of use.

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The Bioenno Power Lithium Iron Phosphate (LiFePO4) Battery Model BLF-12100AS is a state of the art 12V 100Ah battery. Providing 2000+ charge cycles, 5-10+ years service life and 90% capacity discharge capability, this gives you more of everything making this the go to solution for any high power application. The battery has an integrated PCM (protection circuit module) which provides complete internal cell balancing, complete integrated protection along with integrated charge circuitry and boasts no EMI/RFI (Electromagnetic Interference/Radio-Frequency Interference) and is absolutely quiet!

This unit has available a 110VAC/220 VAC AC-to-DC charger, that provides 15A with Alligator Clips. **Please note that this battery should be charged using a LiFePO4 compatible charger, and not a charger for SLA batteries. Before discharge confirm terminal screws are wrench tightened to ensure proper contact is made!** [BLF-12100AS User Manual \[PDF\]](#) **BLF-12100AS (ABS Sealed)**

Battery Specifications

Voltage: 12V

Capacity: 100Ah

Case Type: ABS Sealed

Maximum Continuous Discharge Current: 100A

Maximum Peak Pulse Current: 200A (5 sec.)

Max Power Delivered to Load at 12V: 1,200 Watts

Charge Connector: Screw Terminal

Discharge Connector: Screw Terminal

Dimensions:(L x W x H) 12.9 in. x 6.6 in. x 8.5 in. (330 mm x 168 mm x 216 mm)

Weight: 28.2 lbs. (12.8 kg.)

Includes built-in PCM (protection circuit module) which provides internal cell balancing and management, protection from overcurrent, undervoltage (overdischarge), overvoltage and short circuiting, and has integrated charging circuitry

Available 110 VAC AC-to-DC Charger

Compatible AC-to-DC Charger Specifications

Input Voltage: 110VAC

Output Voltage: 14.6VDC

Current: 20A

Connector: Alligator Clip

Model Number: [BPC-1520C](#)] **Click here to download the Material Safety Data Sheet for LiFePO4 (Lithium Iron Phosphate) batteries.**

Product Attributes

- Dimensions: 2 × 2 × 2 cm
- Weight: 13 kg

Product Gallery



