

## BLF-1250A : 12V, 50Ah LFP Battery by Bioenno



Price: CAD \$695.00

**SKU:** BBBLF1250A

**Product Categories:** [Multi-Use : 12V, >100Ah](#), [Batteries](#), [Lithium](#), [Multi-Use : 12V, 20-99Ahr](#), [Shop](#)

**Product Tags:** [12v](#), [12v lithium](#), [50ahr](#), [bioenno](#), [bioenno blf-1250a](#), [blf](#), [blf-1250a](#), [blf-1250a canada](#), [canada](#), [lfp battery](#), [lifepo4](#), [lithium battery](#)

**Product Page:**

<https://www.modernoutpost.com/product/blf-1250a-12v-50ah-lfp-battery-by-bioenno/>

### Product Summary

The BLF-1250A 12V, 50Ahr battery is state-of-the-art, featuring the current pinnacle of lithium technology available on the commercial market. This Bioenno Power battery gives you the same amount of usable power as a 12V 100Ah rated SLA at only a quarter the weight!

### Product Description

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As with all Bioenno Power batteries, the BLF-1250A LFP battery includes a PCM (protection circuit module) that offers complete cell balancing, comprehensive protection and integrated charging circuitry. Providing 5-10+ years of service at 2000+ charge cycles and up to 90% discharge of its rated capacity and compatible with applications ranging from HAM radio, e-bikes, e-scooters, solar, electronics, energy storage, and many other applications this is the upgrade you need for your old SLA. This unit has available a 110VAC/220 VAC AC-to-DC charger, that provides 10A with a Powerpole.

**Please note that this battery should be charged using a LiFePO4 compatible charger, and not with a charger for SLA batteries.** [BLF-1250A User Manual \[PDF\]](#) **BLF-1250A Battery Specifications**

Voltage: 12V

Capacity: 50 Ah

Case Type: PVC Pack

Charge Connector: Anderson Powerpole (Red/Black)

Discharge Connector: Anderson Powerpole (Gray)

Maximum Continuous Discharge Current: 50A

Maximum Peak Discharge Current: 100A (5 Seconds)

Max Power Delivered to Load at 12V: 600 Watts (12V x 50A = 600 Watts)

Dimensions:(L x W x H) 8.4 in. x 4.3 in. x 5.8 in. (212 mm x 107 mm x 147)

Weight: 13.3 lbs. (6 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 110VAC Charger

**Recommended AC-to-DC Charger Specifications**

Input Voltage: 110VAC

Output Voltage: 14.6VDC

Current: 10A

Connector: Anderson Powerpole

Model Number: **BPC-1510A** - Warranty: 2 Years

## Product Attributes

- Dimensions: 1 &times; 1 &times; 1 cm
- Weight: 6 kg