

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



Price: CAD \$695.00

SKU: BBBLF1250AS

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

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

Product Page:

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

Product Summary

The BLF-1250AS 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!

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Best Solar Options [Boulder 100](#) [FSP 60](#) [FSP 110](#) [DuraLite 100](#)

*Use a lithium solar charge controller with this module on bare LFP batteries...

[Genasun GV-5-Li-14.2](#) [Powerwerx MPPT-150](#)

As with all Bioenno Power batteries, the BLF-1250AS 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-1250AS User Manual \[PDF\]](#) [BLF-1250AS Battery Specifications](#)

Voltage: 12V

Capacity: 50 Ah

Case Type: ABS Sealed

Connector: Terminal bolts

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) 8.9 in. x 4.8 in. x 6.9 in. (224 mm x 120 mm x 176 mm)

Weight: 13.6 lbs. (6.2 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-1510C** - Warranty: 2 Years

Product Attributes

- Dimensions: 1 × 1 × 1 cm
- Weight: 6 kg