

BLF-1212A : 12V, 12Ah LFP Battery by Bioenno



Price: CAD \$219.00

SKU: BBBLF-1212A

Product Categories: [Batteries](#), [HAM Radio](#), [In The Field](#), [Lithium](#), [Multi-Use : 12V, 3-19AHr](#), [Shop](#)

Product Tags: [12AHr](#), [12v lithium battery](#), [144Wh](#), [bioenno BLF-1212A](#), [bioenno BLF-1212A canada](#), [BLF-1212A](#), [BLF-1212A canada](#), [canada](#), [lfp](#), [lfp battery](#), [lithium battery pack](#), [lithium iron phosphate](#)

Product Page:

<https://www.modernoutpost.com/product/blf-1212a-12v-12ah-lfp-battery-by-bioenno/>

Product Summary

The BLF-1212A : 12V, 12Ah LFP Battery by Bioenno is a state-of-the-art 12V 12Ah lithium battery, and is the entry level unit to larger capacity batteries. With applications ranging from audio amplifiers and audio-visual equipment to powering critical surveillance equipment, this is one of our most versatile larger capacity units that focuses on portability and a small form factor.

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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 an available 110VAC/220 VAC AC-to-DC charger, that provides 2A with a DC Plug. Please note that this battery should be charged using a LiFePO4 compatible charger, and not a charger for SLA batteries.

[BLF-1212A User Manual \[PDF\]](#) **BLF-1212A Battery Specifications**

Voltage: 12V

Capacity: 12 Ah

Case Type: PVC Pack

Charge Connector: DC Plug

Discharge Connector: Anderson Powerpole

Maximum Continuous Discharge Current: 20A

Peak Pulse Current: 40A (2 sec.)

Max Power Delivered to Load at 12V: 240 Watts (12V x 20A = 240 Watts)

Dimensions:(L x W x H) 8.5 in. x 2.2 in. x 3.1 in. (215 mm x 56 mm x 79 mm)

Weight: 3.3 lbs. (1.5 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/220 VAC Charger

Compatible AC-to-DC Charger Specifications

Input Voltage: 110VAC/220 VAC

Output Voltage: 14.6VDC

Charge Profile: CC/CV (Constant Current / Constant Voltage)

Current: 2A

Connector: DC Plug

Model Number: [BPC-1502DC](#)]

Need a box with ports & connections for your battery?

PwrBox2 by PowerWerx

Exterior Dimensions (including binding posts):

9.75 in. H x 7.375 in. W x 13.5 in. L (247.7 mm x 187.3 mm x 342.9 mm)

Maximum Interior Dimensions:

5.88 in. H x 5.94 in. W x 11 in. L (149.2 mm x 150.9 mm x 279.4 mm).

Additional height is available in limited areas due to the shape of the lid and wire harness, up to 7.00 in. (187.3 mm).

Or the [MEGAbbox2](#)] **Notes...**

General: I noticed the Max and Peak Continuous Discharge on the label may be different from the website and why?

The printed label may be rated to 1C Max Continuous or 2C peak. However, for some models of batteries including the BLF-1212A, BLF-1212AB, BLF-1212AS, BLF-1215A, BLF-1215AS, and BLF-1220A, 30 Amp and 40 Amp PCM/BMS boards have been installed. The de-rating on the label to 1C is mentioned to ensure the battery can deliver more than 2,000 to 3,000 cycles. However, rest assured these batteries can deliver the 23 Amps for your ham radio equipment which has a duty cycle of 20% transmit and 80% receive. If you operate **continuous** at the 2C discharge (with no duty cycle), the cycle life is a bit less to about 1,800 to 2,000 cycles instead of 2,000 to 3,000 cycles.

Product Attributes

- Dimensions: 30 × 16 × 16 cm
- Weight: 1.9 kg

Product Gallery

