

## BLF-3620A : 36V, 20Ah Lithium Battery by Bioenno



Price: CAD \$799.00

**SKU:** BBBLF3624A

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

**Product Tags:** [20ah](#), [36v](#), [bioenno](#), [blf-3620a](#), [blf-3620a canada](#), [canada](#), [iron phosphate](#), [lfp](#), [lifepo4](#), [lithium](#)

**Product Page:**

<https://www.modernoutpost.com/product/blf-3620a-36v-20ah-lithium-battery-by-bioenno/>

### Product Summary

This is the BLF-3620A by Bioenno Power. A Lithium Iron Phosphate (LiFePO4) battery designed primarily for loads requiring higher voltages to operate, such as higher voltage motors where 12V is simply not enough, electric vehicles such as e-bikes and e-scooters, and various robotics operating at 36V.

## Product Description

This is the BLF-3620A by Bioenno Power. A Lithium Iron Phosphate (LiFePO4) battery designed primarily for loads requiring higher voltages to operate, such as higher voltage motors where 12V is simply not enough, electric vehicles such as e-bikes and e-scooters, and various robotics operating at 36V.

This battery features a small and compact form factor designed for the smallest footprint. 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!

The BLF-3620A unit has available a 110VAC/220 VAC AC-to-DC charger, that provides 4A, with DC barrel plug. Please note that this battery should be charged using a LiFePO4 compatible charger, and not with a charger for SLA batteries.

### **BLF-3620A User Manual [PDF**

BLF-3620A Battery Specifications

Voltage: 36V

Capacity: 20Ah

Case Type: PVC Pack

Charge Connector: DC Barrel Plug

Discharge Connector: Anderson Powerpole PP45

Maximum Continuous Discharge Current: 20A (Make sure your load consumes less than 20A)

Maximum Peak Discharge Current: 40A (5 sec.)

Maximum Continuous Power: 720 Watts (36V x 20A = 720 Watts) (Make sure your load consumes less than 720 Watts)

Dimensions:(L x W x H) 9.5 in. x 5.1 in. x 5.8 in. (241 mm x 130 mm x 147 mm)

Weight: 15.8 lbs. (7.2 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/220 VAC Charger

### **Compatible AC-to-DC Charger Specifications**

Input Voltage: 110 VAC

Output Voltage: 43.8VDC

Current: 4A

Connector: DC Plug

Model Number: **BPC-3604DC (call to order)**

### Product Attributes

- Dimensions: 2 &times; 2 &times; 2 cm
- Weight: 7.4 kg

### Product Gallery



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