

CLI100-12 : 12V, 100Ah Lithium Battery by CanBat



Price: CAD \$899.00

SKU: CBCLI100-12

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

Product Tags: [12v lithium battery](#), [agm replacement](#), [canada](#), [canbat](#), [canbat 12v 100ah](#), [canbat cli100-12](#), [cli100-12](#), [lfp](#), [lifepo4](#), [lithium](#), [replacement](#)

Product Page:

<https://www.modernoutpost.com/product/cli100-12-12v-100ah-lithium-battery-by-canbat/>

Product Summary

This is the popular CLI100-12 12V 100Ah Lithium Battery by CanBat. It's a 12V 100Ah deep cycle lithium battery designed in Canada for RV, marine and other deep cycle applications. Lithium Iron Phosphate Battery technology (LiFePO4) for ultimate safety, and M8 terminals and bolts for fast, easy installation in new or

existing systems.

Product Description

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The Canbat CLI100-12 is a 12V 100Ah deep cycle lithium battery featuring advanced LiFePO4 technology. The battery is designed for use in all deep cycle applications such as off-grid solar, RV, marine, camping, and backup power systems. The CLI100-12 can also be used to replace standard lead-acid batteries in mobility scooters, UPS system, fire alarm systems, access control systems and medical devices.

CanBat's high-power lithium iron phosphate batteries can withstand up to 2500+ charge/discharge cycles. LiFePO4 cells have the longest shelf life and can be stored for up to 2 years in any state of charge without the worry of degradation. This makes them exceptional for use in seasonal equipment as they do not require maintenance for long periods of time, such as your sailboat. This 12V 100Ah lithium battery can be connected in parallel up to 4 units of the same model to create a 12V 200Ah, 12V 300Ah, or even 12V 400Ah battery. It Can also be connected in series up to 4 units of the same model to create a 24V 100Ah, 36V 100Ah, or even 48V 100Ah battery.

CLI100-12 Specifications In Brief

Part Number: CLI100-12

Length: 304.8 mm (12 inches)

Width: 165.1 mm (6.5 inches)

Battery Height: 209 mm (8.25 inches)

Approx Weight: 11.79 kg (26 lbs)

Voltage: 12.8V

Capacity: 100Ah

UL Certified

[Download Product Specifications\]](#)

Why Lithium Iron Phosphate?

Canbat 12V 100Ah Lithium Iron Phosphate batteries (LiFePO4) are designed to outperform traditional sealed lead-acid batteries in various residential and commercial power applications. This includes recreational vehicles (RV), electric wheelchairs, solar energy, sailboats/marine, power equipment and more. Lithium batteries offer safe and worry-free energy in a lighter weight solution. Compared to sealed lead-acid batteries and other types of lithium batteries, Canbat lithium iron phosphate batteries are designed with LiFePO4 technology to offer significant advantages, including improved recharge and discharge efficiency, temperature protection, a higher life cycle and the ability to deep cycle or deep discharge while maintaining power. 12V 100Ah LiFePO4 batteries are generally more expensive than the counterpart sealed lead-acid batteries, but they are actually more cost-effective in the long term because they offer an extended life span of over 10 years.

12V 100AH LITHIUM IRON BATTERIES APPLICATIONS

- Marine and trolling motors
- Recreational vehicles RV
- UPS (Uninterruptible Power Supply)
- Renewable energy
- Floor machine
- Street lighting
- Telecommunication
- Medical equipment
- Electric vehicles
- Reserve power
- AWP

Product Attributes

- Weight: 12 kg

Product Gallery



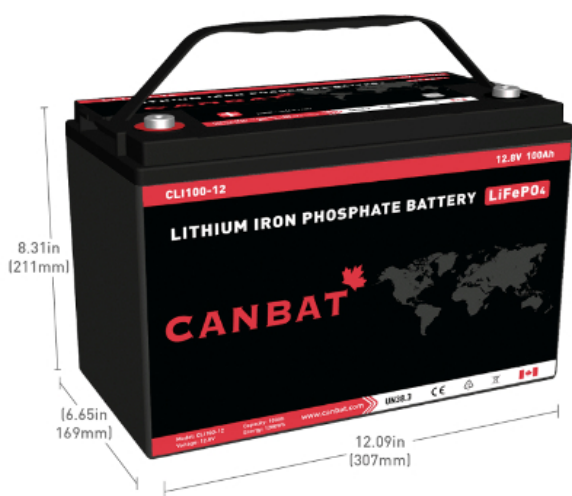
26.7 lbs



12.11 kg



Group 27



Temperature Protection



Over-charge Protection



Over-discharge Protection



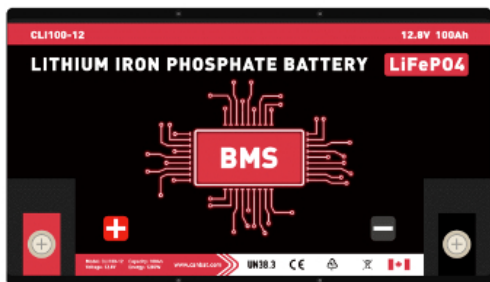
Over-current Protection



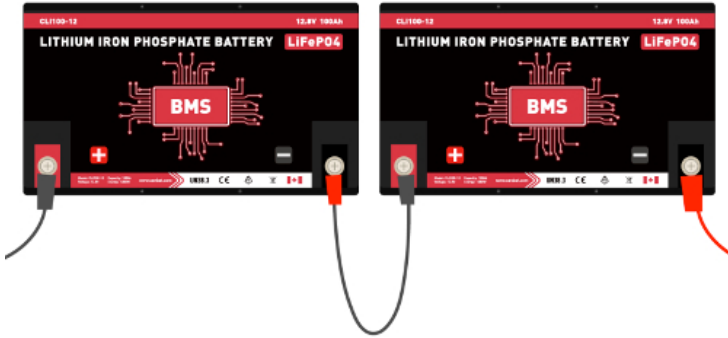
Single Cell Equalization



Short-circuit Protection

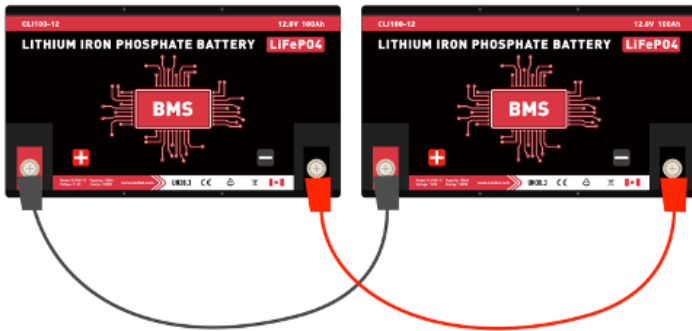


SUPPORTS SERIES CONNECTIONS



Connect up to 4 batteries in series or parallel

SUPPORTS PARALLEL CONNECTIONS



Connect up to 4 batteries in parallel or series