

CLI300-12LT : 300Ah, 12V Low-Temperature LiFePO4 Battery by CanBat



CAD \$3,199.00][200,200,200][14]

Current Sale Price: Original price was: CAD \$3,199.00.CAD \$2,560.00Current price is: CAD \$2,560.00.

SKU: CBCLI300-12-1

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

Product Tags: [12.8v](#), [12v](#), [300ah](#), [boat](#), [cabin](#), [canada](#), [canbat cli300-12](#), [cli300-12](#), [cli300-12 canada](#), [CLI300-12LT](#), [deep cycle](#), [heat](#), [heated](#), [heater](#), [lfp](#), [lifepo4](#), [lithium](#), [lithium battery](#), [lithium iron phosphate](#), [low temperature](#), [rv](#), [van](#)

Product Page:

<https://www.modernoutpost.com/product/cli300-12lt-300ah-12v-low-temperature-lifepo4-battery-by-canbat/>

Product Summary

When it comes to Lithium Iron Phosphate batteries for Canadian applications, cold weather performance is an important consideration. The Canbat CLI300-12LT is a 12V 300Ah deep cycle lithium battery featuring advanced LiFePO4 technology and a built-in cell warming system that diverts incoming charging energy to keep the cells above zero in the safe charging zone. Use a battery box to maximize efficiency. If your batteries never get below 0C, that's fine, it's peace of mind!

Product Description

When it comes to Lithium Iron Phosphate batteries for Canadian applications, cold weather performance is an important consideration. The Canbat CLI300-12LT is a 12V 300Ah deep cycle lithium battery featuring advanced LiFePO4 technology and a built-in cell warming system that diverts incoming charging energy to keep the cells above zero in the safe charging zone. Use a battery box to maximize efficiency. If your batteries never get below 0C, that's fine, it's peace of mind!

The CLI300-12LT battery is designed for use in all deep cycle applications such as off-grid solar, RV, marine, camping, and backup power systems. This 12V 300Ah Lithium Iron Phosphate battery can also be used to replace standard lead-acid batteries in the use of mobility scooters, UPS system, fire alarm systems, access control systems, and medical devices. The Canbat CLI300-12LT is a UL certified 12V 300Ah LiFePO4 battery. They are growing in popularity for military and aerospace applications.

No Parasitic Drain Heating System!

In cold temperatures, the BMS (battery management system) disconnects from the cells to protect your battery. Prior to charging, the built-in heating systems draw power from the charger (or solar) in order to heat up the battery. It does not parasite its own energy to stay warm.

The CLI300-12LT battery is engineered with lithium cells offering superior performance and higher reliability - CanBat backs their batteries with a 10-year warranty, so you know they're good. Unlike traditional SLA and Gel batteries, LFP (LiFePO4) batteries can be fully discharged without any significant loss in longevity.

12V 300Ah lithium batteries are very popular in the solar, RV, and marine markets. They are commonly referred to as:

- RV lithium batteries - Marine lithium batteries - Solar lithium batteries

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.

The BMS inside the CLI300-12LT battery is designed to permit battery connections in parallel up to 2 units of the same model to create a 12V 600Ah battery. It Can also be connected in series up to 2 units of the same model to create a 24V 300Ah battery.

Part Number: CLI300-12LT

Length: 492.76 mm (19.40 inches)

Width: 266.70 mm (10.50 inches)

Battery Height: 219.07 mm (8.63 inches)

Approx Weight: 34.47 kg (76 lbs)

Voltage: 12.8V

Capacity: 300Ah

[Download Product Specifications](#) [Download the User Manual](#)]

Comparing vs AGM Lead-Acid?

Canbat 12V 300Ah 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 300Ah 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

CLI300-12 Lithium Battery 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: 34.4 kg

Product Gallery



Temperature Protection



Over-charge Protection



Over-discharge Protection



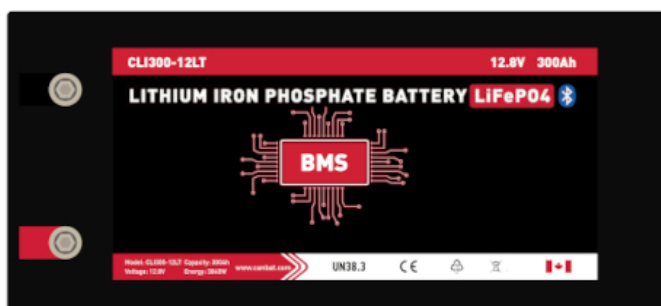
Over-current Protection



Single Cell Equalization



Short-circuit Protection





75 lbs



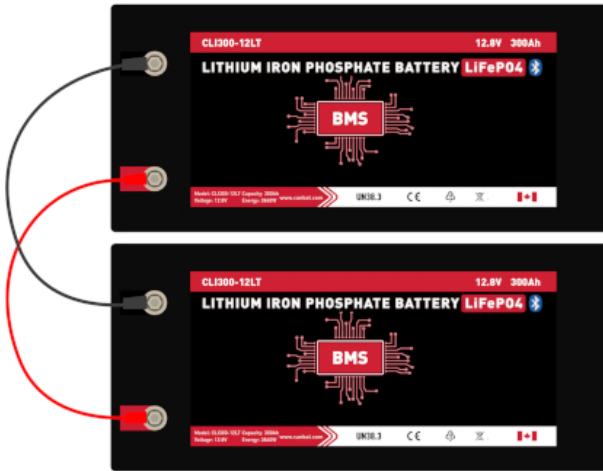
34.02 kg



Group 4D



SUPPORTS PARALLEL CONNECTIONS



Connect up to 4 batteries in parallel or series

SUPPORTS SERIES CONNECTIONS



Connect up to 4 batteries in series or parallel