

CLI120-48 : 6.1kWh Wall-Mount Lithium Battery by CanBat



Price: CAD \$5,199.00

SKU: CBCLI120-48

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

Product Tags: [battery bank](#), [cabin](#), [canada](#), [canbat 48v](#), [canbat cli120-48](#), [canbat wall mount](#), [cli120-48 canada](#), [ess](#), [home](#), [iron phosphate](#), [lfp](#), [lifepo4](#), [lithium](#), [residential](#), [tiny house](#), [wall mounted battery](#), [wall-mounted](#)

Product Page: <https://www.modernoutpost.com/product/cli120-48-6-1kwh-wall-mount-lithium-battery-by-canbat/>

Product Summary

The CLI120-48 by CanBat is a wall-mounted deep cycle lithium battery designed in Canada for residential energy storage systems. 120Ah @ 51.6V (48V nominal) provides up to 6.1kWh of energy storage for your home, cabin, tiny house, or other solar projects. UL1642 and UL1973 certified Lithium Iron Phosphate Battery technology (LiFePO4).

Product Description

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CLI120-48 : Wall-Mounted Lithium Battery

This unique 48V LiFePO4 battery comes in a wall-mounted cabinet, ready to be located in your power closet or neatly placed on your utility room or garage wall. It has a built-in battery monitor and remote wifi monitoring. Download the Canbat WIFI app from the App Store or from Google Play. The battery is designed for stationary deep cycle applications, such as backup power and off-grid solar energy storage systems (ESS).

The CLI120-48 is built with UL1642 certified prismatic LiFePO4 cells to ensure the best performance and reliability

energy. The battery is also cUL1973 certified for use in stationary and motive auxiliary power applications in Canada. This 48V lithium battery can be used for backup power energy storage or as a main power source. LiFePO4 batteries can be fully discharged without loss in longevity. Canbat 48V 120Ah lithium batteries are popular in off-grid systems in residential, commercial and recreational properties. The CLI120-48 Lithium Iron Phosphate battery can provide up to 6000 charge/discharge cycles at a depth of discharge of 80%.

The CLI120-48 battery is commonly referred to as:

- 120Ah 48V solar lithium battery
- 120Ah 48V off-grid lithium battery
- 120Ah 48V backup power lithium battery
- 120Ah 48V RESS lithium battery

Top 10 Features of the CLI120-48

- Premium LiFePO4 cells UL1642 certified - Wall-mounted design with an included mount - Improved performance in various climate conditions - Large wiring access panel offers more space for making connections

Integrated inverter communications (CAN & RS485)

- Sol-Ark 5K, 8K, 12K, 15K Inverters
- Victron MultiPlus and Quattro nverters
- Schneider XW6848Pro Inverter
- Built-in monitor and WiFi monitoring - Long cycle life (up to 6000 cycles at 80% DOD) - High charge current of 120 A - High discharge current of 6 KW - Supports up to 14 modules in parallel (86 Kwh)

CLI120-48 LiFePO4 Battery Applications

This 48V LiFePO4 battery cannot be connected in series for higher voltage configurations. The CLI120-48 is only designed for 48V applications. However, this 120Ah 48V LiFePO4 battery can be connected in parallel up to 14 units of the same model to create a 48V battery bank up to 86kWh... enough for the largest residential needs.

CLI120-48 Battery Specs in Brief

Part Number: CLI120-48

Total Energy : 6.144kWh

Voltage: 51.2V

Capacity: 120Ah

Length: 465 mm (18.31 inches)

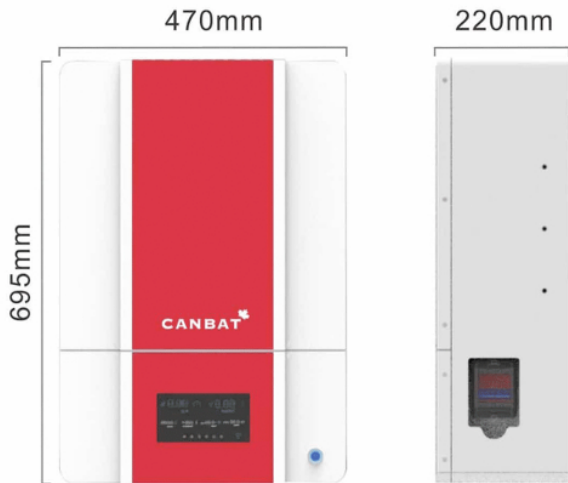
Width: 220 mm (8.66 inches)

Battery Height: 685 mm (26.97 inches)

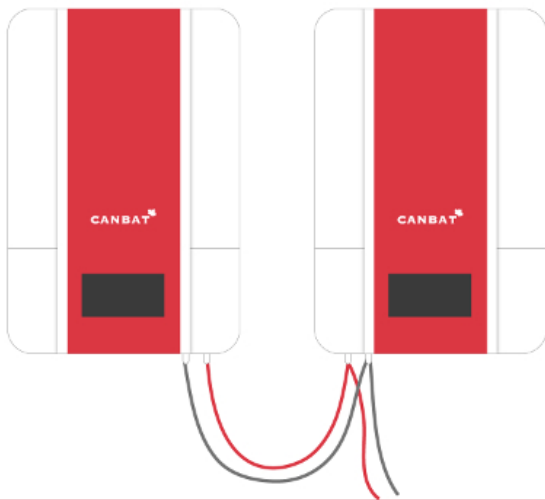
Approx Weight: 65 kg (143.3 lbs)

[Download The Complete Product Specifications](#)

Product Gallery



SUPPORTS PARALLEL CONNECTIONS



Connect up to 14 batteries in parallel