

LC6-12 : 6A Lithium Battery Charger (12V)



Price: CAD \$119.00

SKU: CBLC6-12

Product Categories: [AC-DC Chargers](#) : [Lithium Batteries](#), [Battery Chargers](#), [Shop](#)

Product Tags: [12v](#), [14.4](#), [6a](#), [6a charger](#), [canada](#), [canbat lc6-12](#), [lc6-12](#), [lc6-12 canada](#), [lfp charger](#), [lifepo4 charger](#), [lithium charger](#)

Product Page: <https://www.modernoutpost.com/product/lc6-12-6a-lithium-battery-charger-12v/>

Product Summary

This is CanBat's robust AC wall charger for 12V Lithium batteries. The LC6-12 is a high-quality dual-stage IP22 lithium charger. It can be used to charge LiFePO4 batteries in vehicles, motorcycles, boats, ATVs, RVs, lawnmowers, lawn tractors, trucks, and more. Maximize the life of your LiFePO4 battery using the Canbat's dual-step charging algorithm charger, engineered to get the best out of your 12V lithium battery.

Product Description

This is CanBat's robust AC wall charger for 12V Lithium batteries. The LC6-12 is a high-quality dual-stage IP22 lithium charger. It can be used to charge LiFePO4 batteries in vehicles, motorcycles, boats, ATVs, RVs, lawnmowers, lawn tractors, trucks, and more. Maximize the life of your LiFePO4 battery using the Canbat's dual-step charging algorithm charger, engineered to get the best out of your 12V lithium battery. The LiFePO4 battery charger gives the battery the right amount of power it needs to ensure the health, performance, and longevity of your lithium battery.

5-year warranty

12V 6A LITHIUM BATTERY CHARGER (LIFEPO4)

Compact IP22 smart 12V 6A lithium battery charger designed in Canada and available in 120V.

LC6-12 Charger Designed for LiFePO4 Batteries

Designed with CC/CV charge stages and a bulk voltage of 14.4V to ensure a balanced and fully charged LiFePO4 battery. Resets and charges lithium iron phosphate batteries after a BMS 0V protection trigger. Highly efficient, fully automatic, and simple to use with easy-to-read LED indicators.

Lithium Charger Quality & Safety

All Canbat 12V LiFePO4 battery chargers are designed to the highest safety standards with protections against output over-voltage, output short-circuits protection, output over-temperature protection, and reverse polarity connection protection. Use Canbat chargers at home, at your shop, or in your vehicle with peace of mind. The charger is constructed with aluminum alloy with surface oxidation treatment, high hardness, and anti-oxidation. Integrated cooling fan for efficient ventilation and cooling.

Included Accessories

No need to purchase additional charger leads or accessories. The Canbat 6A 12V lithium charger comes with everything you need to charge any size LiFePO4 battery. Easily swap charger leads using the included Anderson Connectors.

Here's the full list of what's in the box:

- 12V 6A charger - AC power cord - Alligator clips - M8 eyelets - Extra fuse

IP22 Environmental Protection

The LC6-12 is a 6A 12V smart IP22 charger, which makes it ideal for indoor and outdoor charging. Lithium IP22 chargers are not waterproof and require ventilation when in use. They have a high-efficiency rate of over 96% and are equipped with forced ventilation utilizing fans.

Lithium Fast Charger

One of the main advantages of LiFePO4 batteries is that they are able to recharge much faster. With the Canbat highly efficient 12V 6A battery charger, this is how long it'll take to recharge your battery:

Battery Model

Battery Size

Time to charge (Hours)

CLI9-12

12V 9Ah

1.5

CLI12-12

12V 12Ah

2

CLI18-12

12V 18Ah

3

CLI20-12

12V 20Ah

3.5

CLI30-12

12V 30Ah

5

The Canbat 6A lithium battery charger will also be able to recharge batteries with a higher capacity than the above, but if your battery is higher than 30Ah, we do recommend a larger charger in order to minimize charging time. Canbat offers the largest selection of LiFePO4 chargers in Canada. If you have any questions, feel free to give us a call or chat with one of our 24/7 available battery charger experts.

LC6-12 Specifications In Brief

Input Voltage Range : 90-125V AC

Output Charging Voltage : 14.4V DC

Nominal Battery Voltage : 12V DC

Charge Current : 6A

Charge Algorithm : 2-Stage (CC/CV)

Output Connector : Anderson

Input Connection : NEMA 1-15

Efficiency : 96%

No Load Consumption : 5W

Max Power Draw : 115W

Can Be Used As Power Supply : No

Protections : Shortcircuit - overvoltage - over-temperature - reverse polarity

Operating Range : -10C - 45C

Humidity : 5% - 95% non-condensing

Case Material : Aluminum

Environment : IP22

Weight : 0.56KG

Dims : 135 x 90 x 50mm

Warranty : 5 Years

Product Attributes

- Weight: 0.9 kg