

LC40-12 : 40A Charger for 12V Lithium Batteries



Price: CAD \$469.00

SKU: CBLC40-12

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

Product Tags: [12.8v](#), [12v](#), [14.4v](#), [40a](#), [40a charger](#), [40a lithium charger](#), [canada](#), [canbat charger](#), [canbat lc40-12 canada](#), [cc/cv](#), [lc20-12 canada](#), [lc40-12 canada](#), [lithium battery charger](#), [lithium charger](#), [lithium charger canada](#)

Product Page: <https://www.modernoutpost.com/product/lc40-12-40a-charger-for-12v-lithium-batteries/>

Product Summary

Charge your Lithium LiFePO4 battery bank faster with the CanBat LC40-12. A compact, smart 40A lithium battery charger for 12V systems by CanBat. This is a high-quality dual-stage IP22 lithium charger. Powerful, high-performance, and energy-efficient. Can be used to charge LiFePO4 batteries in vehicles, motorcycles, boats, ATVs, RVs, lawnmowers, lawn tractors, trucks, and more.

5-year warranty

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LC20-12 Is Designed for LiFePO4 Lithium Batteries

Maximize the life of your LiFePO4 (Lithium Iron Phosphate) 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. 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.

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.

Everything Included

No need to purchase additional charger leads or accessories. The Canbat 40A 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 40A charger - AC power cord - Alligator clips - M8 eyelets

IP22 Environmental Protection

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.

Fast Charging

One of the main advantages of LiFePO4 batteries is that they are able to recharge much faster. Following is an approximation of how long it will take to recharge your 12V Lithium battery:

75Ah : 2hrs

100Ah : 2.5hrs

150Ah : 4hrs

200Ah : 5hrs

300Ah : 7.5hrs

The Canbat 40A lithium battery charger will also be able to recharge batteries with a higher capacity than the above. Not recommended for batteries smaller than 75Ah.

LC40-12 Charger Specifications

Battery Bank Voltage (Nominal) : 12V

Charge current : 40A

Charge voltage : 14.4V

Charge algorithm : Two-Stage (CC/CV)

Efficiency : 96%

No load power consumption : 10W

Input voltage range 90-125Vac, 50Hz~60Hz

120 VAC connector : NEMA 1-15 plug

Can be used as power supply : No

Protections

Shortcircuit, overvoltage, over-temperature, reverse polarity

Operating temp. range : -10C ~ 45C

Humidity (non-condensing) : 5%~95%

Protection Category : IP22

Enclosure

Material & Colour : Aluminum (Black)

Connectors Included : M8 Eyelets, Alligator clips

Connector Type : Anderson Connectors

Dimensions

Weight (KG) : 2.7kg (5.95lbs)

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Dimensions: 230x135x70mm

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Product Attributes

- Weight: 1.2 kg