

LC30-48 : 30A Charger for 48V Lithium Batteries



Price: CAD \$995.00

SKU: CBLC30-48

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

Product Tags: [30A](#), [30A lithium charger](#), [48v](#), [48v lithium](#), [57.6v](#), [canada](#), [canbat charger](#), [canbat lc30-48](#), [cc/cv](#), [lc30-48](#), [lc30-48 canada](#), [lithium battery charger](#), [lithium charger](#), [lithium charger canada](#)

Product Page: <https://www.modernoutpost.com/product/lc30-48-30a-charger-for-48v-lithium-batteries/>

Product Summary

This is the Canbat 30A LiFePO4 battery charger for 48V systems (51.2V LFP). It's a high-quality dual-stage IP22 lithium charger that can be used to charge LiFePO4 batteries in vehicles, motorcycles, boats, ATVs, RVs, lawnmowers, lawn tractors, trucks, and more. Also great as an emergency back-up for off-grid systems so you can charge your batteries directly from a generator, bypassing your inverter/charger.

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LC30-48 : 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 48V 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 57.6V 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 48V 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.

Connector Cables Included

No need to purchase additional charger leads or accessories. The Canbat LC30-48 lithium charger comes with everything you need to charge any size LiFePO4 battery. Easily swap charger leads using the included Anderson Connectors.

In the box:

- 48V 15A charger - AC power cord - Alligator clips - M8 eyelets - Extra fuse

IP22 Environmental Rating

The LC30-48 is a 30A 48V 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.

Fast Charging

One of the main advantages of LiFePO4 batteries is that they are able to recharge much faster.

Example : 48V 120Ah LFP Battery : 4 hours (from 80% DOD)

LC30-48 Charger Specifications

Battery Bank Voltage (Nominal) : 48V

Charge current : 30A

Charge voltage : 57.6V

Charge algorithm : Two-Stage (CC/CV)

Efficiency : 96%

No load power consumption : 20W

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

120 VAC connector : NEMA 1-15 plug

Can be used as power supply : No

Protections

Short circuit, 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) : 4.10kg (9.04lbs)

Dimensions: 260 x 175 x 115mm

Warranty

5 Years

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Product Attributes

- Weight: 1.6 kg