

DC/DC LiFePO4 battery charger 29.2V, 15A, 400W, IP68

Reference: WG-24C400L
EAN13: -
HS code: 85044090



Product attributes:

Product features:

Input voltage: 10-36 V DC
Output voltage: 29.2 V DC
Output current: 15 A
Output power: 400 W
Waterproof grade: IP68
Lifetime: 100,000 hours

Product description:

The WG-24C400L DC-DC charger is a reliable solution for charging lithium iron phosphate (LiFePO4) batteries with an output voltage of 29.2V. Thanks to its high efficiency, compact dimensions and robust aluminum body, it is an ideal choice for both mobile and stationary applications. It offers advanced protections, easy installation and water and dust resistance, making it a universal device for a wide range of applications.

Technical specifications

- **Input voltage range:** 10-36V DC
- **Rated input voltage:** 12V/24V DC
- **Output voltage:** 29.2V DC
- **Output current:** 15A (constant)
- **Maximum power:** 438W
- **Efficiency:** 96% (@ 24V input)
- **Waterproof:** IP65
- **Ripple and noise:** 220-280mVp-p
- **Working temperature:** -35°C ~ +80°C
- **Dimensions:** 200 × 77 × 30 mm (7.87 × 3.03 × 1.18 inches)
- **Weight:** ≤ 1.1 kg
- **Cooling:** Natural air circulation

Functions and features

- High efficiency up to 96% at 24V input
- Advanced PWM technology for stable and precise charging
- LED charging status indication (red - charging, green - fully charged)
- Complete protection: overvoltage, undervoltage, short circuit, overheating
- Epoxy potting compound for high moisture resistance
- Aluminum body for optimal heat dissipation and long service life
- 100% full load testing in the production process
- Low-noise design
- Compact dimensions facilitate installation even in limited space

Ideal for

- Charging LiFePO4 batteries in cars, RVs, boats or trailers
- Solar and island systems
- Mobile and industrial applications requiring stable DC-DC charging
- Environments with higher humidity or dust thanks to IP65 protection

Package contents

- DC-DC charger WG-24C400L
- Connection cables (input: 10AWG, output: 12AWG) with M10/M8 eyelets, length 45 cm
- Instructions for use

Why choose this product?

- Highly efficient charging with minimal energy loss
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- Safe operation thanks to multi-level protection
- Compact, durable design suitable for demanding environments
- Easy installation thanks to pre-prepared cables and mounting holes
- Reliable operation even at extreme temperatures from -35 °C to +80 °C

