

Product Specifications

Electric Vehicle Charger

C2CK480030
48V/30A Charger

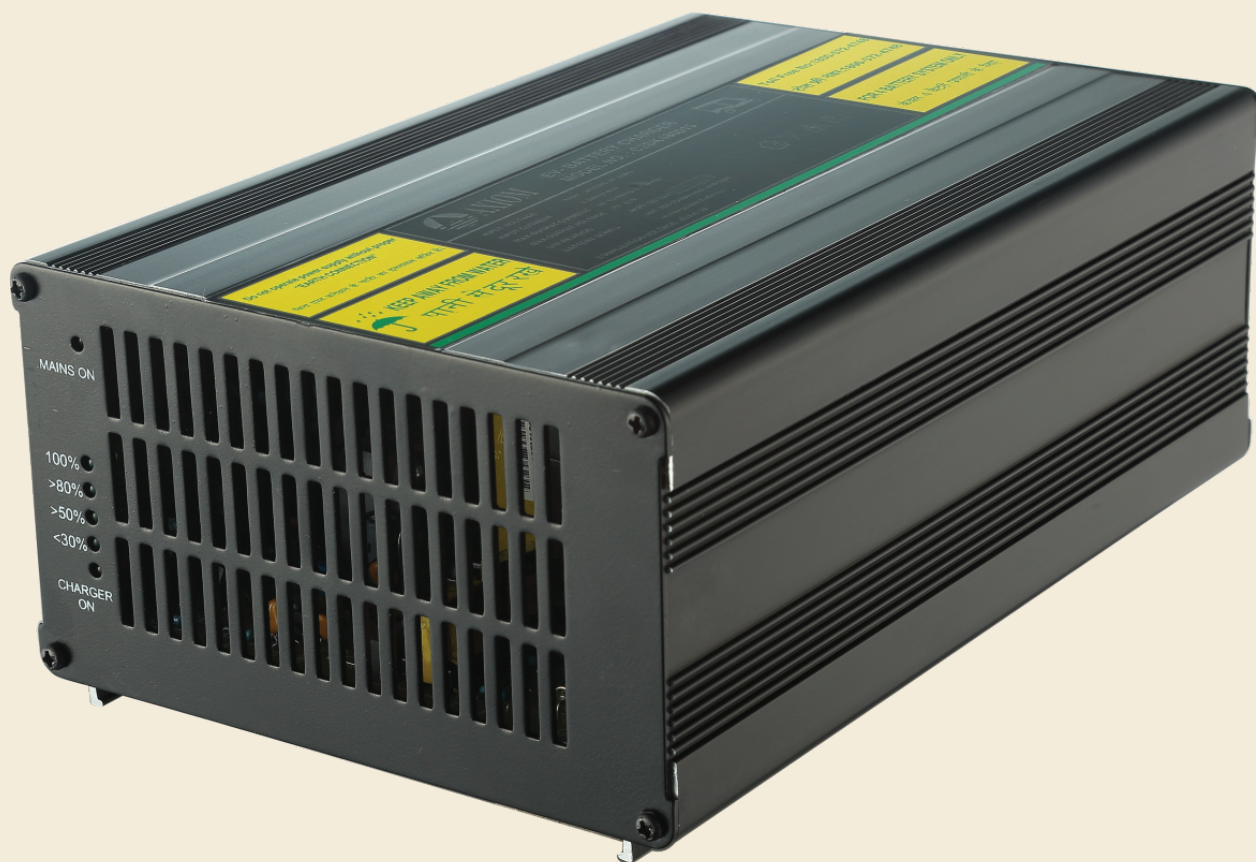
Type: Off-board Charger

Applications: EV battery charger

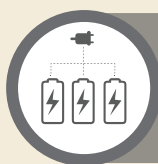


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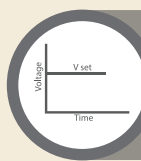


SALIENT FEATURES



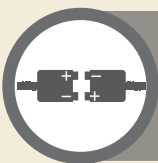
CAN communication

Communicate with VCU, PDU, BMS & other peripherals seamlessly with CAN communication.



Zero start mode

Charge a deep discharged battery automatically.



Battery reverse protection

Protects charger as well as battery when connected with reverse polarity.



Over charge protection

Protect the battery against over charging with auto cut-off feature.



Light weight small size

Aluminium, high frequency switching, & soft switching render very small form factor & vehicle portability



Auto cut-off

Turn off the charging when battery is fully charged.

C2CK480030 48V/30A Charger



SPECIFICATIONS

AC Input

Voltage - range	: 170 - 275 VAC
Nominal Voltage	: 230 VAC
Frequency	: 47Hz - 63Hz
Maximum Current	: <10A rms@ 170 VAC and O/P at full load

DC Output

Maximum Voltage	: 60V \pm 0.5V
Maximum Current	: 30A \pm 0.5A
Line & Load Regulation	: <2%
Efficiency	: \geq 90%

Communication	: CAN 2.0B
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Protections

Output over load	: Available
Output short Circuit	: Available
Output Over Voltage	: Available
Over Temp. with auto recovery	: Available
Reverse Polarity	: Available

Environmental

Operating Temperature	: 0°C to +50°C
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Mechanical

Dimensions	: L-261mm, W-151mm , H-92mm
Weight	: 3 kg Appx

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