

# Product Specifications

48V/30A Electric Vehicle Charger

Model: **C2BK048030**

Type: **Off-board Charger**

Applications: **Electric Three Wheelers**



## Key Attributes



IP67 Design



Bump and  
vibration resistant



Low power  
consumption



CAN  
Communication



Over temperature  
protection



Battery reverse  
protection

## Specifications

### AC Input

Voltage - range	: 170-275 VAC
Nominal voltage	: 230 VAC
Frequency	: 47-53 Hz

### DC Output

Maximum voltage	: 60V $\pm$ 0.5V
Nominal voltage	: 48V
Maximum current	: 30A $\pm$ 0.5A

### Protections

Output over load	: Available
Output short circuit	: Available
Output over voltage	: Available
Over temp. with auto recovery	: Available with Limphome Mode
Output reverse polarity	: Available

### Test Standards

Surge capability	: As per IEC EN61000-4-5
Die-electric withstand capability	: 1.5KVac rms for 60sec with ITrip of 5mA
Vibration test	: As per ISO16750-3
Bump test	: As per IEC 60068-2-29

### Environmental

Operating temperature	: 0°C to +50°C
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### Mechanical

Indications & Alarms	: Charge Percentage LEDs with buzzer
Dimensions	: L-265mm W-150mm H-81mm
Weight	: 3 kg

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