

Product Specifications

48V/20A Electric Vehicle Charger

Model: **C2EA480020**

Type: **On-board Charger**

Applications: **Electric Two 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
Nominal voltage	: 48V
Maximum current	: 20A ± 0.5A

Protections

Output over load	: Available
Output short circuit	: Available
Output over voltage	: Available
Over temp. with auto recovery	: Available
Output reverse polarity	: Available
IP protection	: IP67

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	: -20°C to +50°C
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Mechanical

Indications & Alarms	: Charge Percentage LEDs with buzzer
Dimensions	: L-261mm W-141mm H-76mm
Weight	: 3 kg

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