



Product Specifications

Electric Vehicle Charger

C2CK480010
48V/10 A Charger

Type: Off-board Charger

Applications: EV battery charger





C2CK480010 48V/10 A Charger



SALIENT FEATURES

Safe mode

Charges a deep discharged battery with small current to safeguard battery.

Over charge protection

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

One charger, multiple profiles

One charger with multiple charging profiles. Single charger for multiple voltage ranges.

Current mode design

Achieve highest reliability with current mode control topologies.

Over temperature protection

Protects the charger from extreme temperatures with auto cut-off.

Light weight small size

Small form factor-easy to carry.

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SPECIFICATIONS

AC Input

| | |
|-----------------|----------------------------------|
| Voltage - Range | : 170 -275 VAC |
| Nominal Voltage | : 230 VAC |
| Frequency | : 47Hz - 63Hz |
| Maximum Current | : ≤6A@170 VAC & O/P at full load |

DC Output

| | |
|------------------------|--------------|
| Maximum Voltage | : 60V± 0.5V |
| Maximum Current | : 10A ± 0.5A |
| Line & Load Regulation | : <2% |

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 |
|-----------------------|----------------|

Mechanical

| | |
|------------|----------------------------------|
| Dimensions | : L-212mm, W-149mm, H-65mm (TBF) |
| Weight | : 2.5 kg |

AXIOM ENERGY CONVERSION LTD.

Plot No.207/4&5, Phase-II, IDA, Cherlapally, Hyderabad-500051, Telangana, INDIA.

Toll Free: 1800-572-4748. Mobile: 99590 55158 Email:sales@axiomevproducts.com