

Product Specifications

Electric Vehicle Charger

B1KK120010
48V-12V/15A DC-DC Converter

Type: On-board DC-DC

Applications: 2Wheeler & 3Wheeler

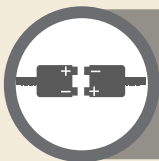


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SALIENT FEATURES



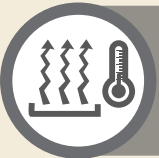
Battery reverse protection

Protected against battery reverse connections.



Ignition switch protection

Ignition switch is protected through inrush current limiting device.



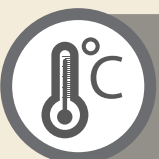
Black anodisation

This increases heat dissipation which keeps the internal temperature of the key components relatively low.



Protections

Circuit design with output over load, short circuit and over voltage



Over temperature protection

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



Bump and Vibration

Onboard design capable of meeting the bumps and vibrations.

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SPECIFICATIONS

DC Input

DC Input Voltage - Range : 40V - 60V
DC Input Current - Maximum : <5A

DC Output

DC Output Voltage : 13.2V + 0.5V
DC Output Current : 15A Peak, 10A Continues

Protections

Output Over load/Short circuit : Available
Output Over voltage : Available
Battery reverse : Available

Environmental

Operating Temperature : 0°C to +50°C

Mechanical

Enclosure : Aluminium
Dimensions : L-92mm, W-64mm, H-41mm
Weight : 0.4 Kgs.

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