

# Product Specifications

130W DC-DC Converter

Model: **B1KK120010**

Type: **DC- DC Converter**

Applications: **Electric Three Wheelers**



## Key Attributes



Ingress Protection



Bump and vibration resistant



Low power consumption



High Power Design



Over temperature protection



Battery reverse protection

## Specifications

### DC Input

Voltage - range	: 40-60 VDC
Nominal voltage	: 48 VDC
Current	: <5A
Efficiency	: >85%

### DC Output

Voltage	: 13.2V $\pm$ 0.5V
Power	: 130W
Current	: 15A Peak, 10A(Continuous)

### Protections

Output over load	: Available
Output short circuit	: Available
Output over voltage	: Available
Output reverse polarity	: Available
IP protection	: IP65

### Environmental

Operating temperature	: 0°C to +50°C
Storage Temperature	: -10°C to +70°C

### Mechanical

Cooling	: Free Air Cooling
Enclosure	: Aluminium
Dimensions	: L-92mm W-64mm H-41mm
Weight	: 0.5 kg

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## AXIOM ENERGY CONVERSION LTD.

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

Toll Free: 1800-572-4748

Website: [www.axiomenergy.co.in](http://www.axiomenergy.co.in)