

SHAKTI DC-DC CONVERTER

ABOUT THE PRODUCT

The Shakti DC-DC Converter is a high-performance power module designed for Electric Vehicle (EV) applications. It efficiently converts the EV battery voltage, ranging from 36V to 86V DC, into a stable 12V DC output capable of supplying up to 10A of current. This converter provides reliable power for auxiliary systems such as lighting, horn, cluster, etc. Built with advanced protection features including over-voltage, over-current, and thermal safeguards. The Shakti DC-DC Converter delivers reliable, efficient, and stable power conversion, ensuring safe operation even under harsh automotive and high-transient EV conditions.

SPECIFICATIONS

DC-DC Converter	
Input(DC)	
Voltage	36V-86V
Current	3A
Maximum Power	130W
Output(AC)	
Voltage	12V
Peak Current	10A
Continuos Current	8A
Maximum Power	120W
Efficiency	
Max Efficiency	> 90%
Protection	
Input Under Voltage	YES
Input Over Voltage	YES
Over Temperature	YES
Output Over Current	YES
Output Under Voltage	YES
Output Over Voltage	YES
Short Circuit Protection	YES
Ingress Protection	IP67
General Data	
Cooling Method	Natural Cooling
Mounting	Vertical (tentative)
Operating Temperature Range	(-30°C to +60°C)
Dimensions (L*W*H)	123.7mm X 50mm X 40.9mm
Net Weight	200gm

TOLL FREE NO. 1800 103 5555

SHAKTI EV MOBILITY PRIVATE LIMITED

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Group Company - **SHAKTI PUMPS (INDIA) LIMITED**  
www.shaktipumps.com

Authorised Dealer / Distributor :

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VC :



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