

Performance of EV Products

DC CONVERTER



Fig: DC Converter

Approvals & Compliances



Product Details:

Product Short Name : DC DC CONVERTER [48-72V / 12V 10 A]

Model number : UNIM-DCDC Series

Part number/Article Number : UNIM-DCDC-12120



Product Description:

- A Non Isolated Buck Converter which is used to convert battery voltage to constant 12V to Power up the Electrical devices in the vehicle.
- This provides a constant voltage and protects your devices from electrical abnormalities.

Technical Specifications:

	Typical Value	Unit
Input Voltage	48 to 72	V
Output Voltage	12	V
Output Current	10	A
Output Power	120	W
Efficiency	>85	%
Operating Temp	-40 to 105	C

Features and Benefits:

- ❖ Reverse Voltage Protected
- ❖ Over load & Short circuit protected
- ❖ EMI / EMC as per AIS004
- ❖ IP65
- ❖ Auto Grade & Non-Auto Grade available

Typical Applications :

Suitable for all EV Products :

