



DC DC Converter

(Non Isolated)



Product Outline

The DC-DC Converter - Non-Isolated delivers efficient, stable voltage regulation for systems with a common ground, ensuring reliable performance in compact, cost-effective designs with robust durability.

Specifications

Sl. No	Specification	Buck
1	Type	Non-Isolated
2	Input Voltage Range	15V to 72V
3	Output Voltage	12V, 14V (Tolerance : $\pm 0.5V$)
4	Output Current	10A, 20A, 50A
5	Ripple voltage	< 1% of rated voltage
6	Voltage regulation	< 2% of rated voltage
7	Efficiency	> 90%
8	Operating Temp.	-30°C to +80 °C

Application

EV 2 Wheeler / 3 Wheeler

Features

- ✓ The over current and short circuit protection.
- ✓ Input Over voltage and under voltage protection.
- ✓ Transient voltage and thermal protection.
- ✓ Reverse voltage protection with battery input
- ✓ IP67 rated
- ✓ EMI/EMC : AIS 004 Compatible

