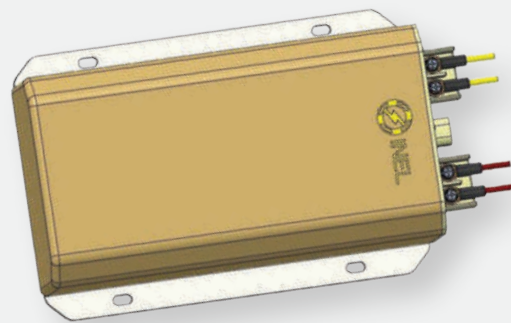




DC DC Converter

(Isolated)



Product Outline

A DC-DC isolated converter transforms DC voltage levels while electrically isolating the input from the output, ensuring safety and preventing interference. Widely used in industrial, automotive, and renewable energy systems, it delivers efficient and reliable power transfer in demanding environments.

Specifications

Sl. No	Specification	Buck
1	Type	Isolated
2	Input Voltage Range	70V to 150V
3	Output Voltage	12V, 14V (Tolerance : $\pm 0.5V$)
4	Output Current	10A / 25A
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

