

Product Description

DC-DC Converter module is compact, high reliable low ripple IP67 rated module for Industrial and automotive applications.

There are two DC-DC Converter module in the portfolio, one catering to low current 6A and second module catering to higher current 10A. Both modules have configurable output with default output of 14V

Features for Option -1

- Input Voltage +30VDC to + 90VDC
- Output Voltage 14V
- Output Current 6A
- Peak Current 12A
- Efficiency 93%
- Ripple & Noise 75mV
- Const. current limit 8A (Programmable)
- Reverse voltage protection Yes,
- Short circuit proof Yes
- External ON/OFF Yes 3.3V to 12V

Features for Option -2

- Input Voltage +30VDC to + 90VDC
- Output Voltage 14V
- Output Current 10A
- Peak Current 20A
- Efficiency 93%
- Ripple & Noise 75mV
- Const. current limit 12A (Programmable)
- Reverse voltage protection Yes,
- Short circuit proof Yes
- External ON/OFF Yes 3.3V to 12V



DC-DC Converter Module

EMI/EMC

- Safety EN 60950
- Emission EN 61000-6-3, EN 55014-1
- Immunity EN 55014-2, EN 61000-6-1, EN 61000-6-2
- Automotive Directive ECE R10-4
- Vibration IEC 68-2-6: 10-150 Hz / 1.0 G
- Ingress Protection Rating – IP67

Other Features

- Material and Color Aluminum white
- Operating Temperature Range: -40 °C to +70 °C
- Dimensions1: 35×55×90mm (Option1)
- Dimensions2: 68×51×90mm (Option2)
- Weight 1: Approx. 280 g (Option1)
- Weight 2: Approx. 470g (Option2)