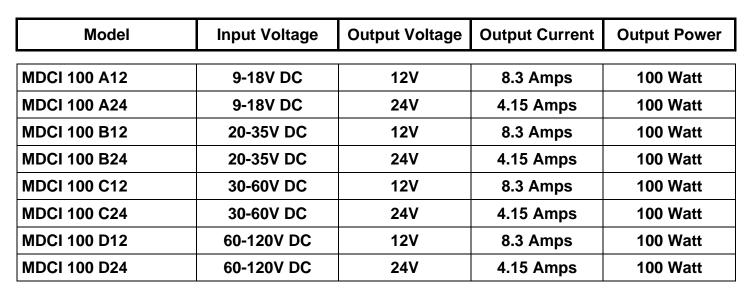


MDCI 100 Range 100 Watt DC-DC Converters Fully Isolated Input to Output



Standard Features

- Isolation between input and output
- Substantial Input Filter
- Stabilised output voltage
- Convection cooled
- Output 12V DC +/- 2%
- Output 24V DC +/- 2%
- Protection for
- reverse input polarity (fuse) load dump overload (by current limiting) overtemperature (by current limiting) output over voltage (shutdown, auto re-start) short circuit output (by current limiting)

General Specifications

- Weight : 500g
- Efficiency: typically 85% at full load
- Ambient Operating Temperature : -20 / +45^oC
- Max. temperature increase 30 degrees by full load for 30 minutes at an ambient temperature of 20 degrees.
- Dimensions (I x w x h) : 152mm x 88mm x 49mm
- Input & Output Connections: 6.3mm x 0.8mm fastons

The Technology

The MDCI 100 range of DC-DC Converters use high frequency switched mode technology for high efficiency, small size and light weight.

Isolation

Isolation between input and output cures difficult ground loop problems, allowing optimum wiring in complex systems. This can avoid noisy power lines degrading signal lines.

Every effort has been made to ensure the accuracy of the information in this document. However, VXI Power Ltd policy is one of continuous improvement and for the latest information please contact us. E&OE

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Special Versions

Custom Voltages available on request