



MORVEN

MDCI 360 Range

360 Watt

DC-DC Converters

Fully Isolated Input to Output



Model	Input Voltage	Output Voltage	Output Current	Output Power
MDCI 360 A12	9-18V DC	12V	30 Amps	360 Watt
MDCI 360 A24	9-18V DC	24V	15 Amps	360 Watt
MDCI 360 B12	20-35V DC	12V	30 Amps	360 Watt
MDCI 360 B24	20-35V DC	24V	15 Amps	360 Watt
MDCI 360 C12	30-60V DC	12V	30 Amps	360 Watt
MDCI 360 C24	30-60V DC	24V	15 Amps	360 Watt
MDCI 360 D12	60-120V DC	12V	30 Amps	360 Watt
MDCI 360 D24	60-120V DC	24V	15 Amps	360 Watt

Standard Features

- Isolation between input and output
- Substantial Input Filter
- Stabilised output voltage
- Fan 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)

Special Versions

Custom Voltages available on request

General Specifications

- Weight : 1400g
- Efficiency: typically 85% at full load
- Ambient Operating Temperature : -20 / +45°C
- Max. temperature increase 30 degrees by full load for 30 minutes at an ambient temperature of 20 degrees.
- Dimensions (l x w x h) : 160mm x 183mm x 64mm
- Input & Output Connections: 6.3mm x 0.8mm fastons

The Technology

The MDCI 360 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