



DDI 360 Range

300 /360 Watt DC-DC Converters

Fully Isolated Input to Output

Model	Input Voltage	Output Voltage	Output Current	Output Power
DDI 360 A12	9-18V DC	12V	25 Amps Cont 30 Amps Peak	300/360 Watt
DDI 360 A24	9-18V DC	24V	12.5 Amps Cont 15 Amps Peak	300/360 Watt
DDI 360 B12	20-35V DC	12V	30 Amps	360 Watt
DDI 360 B24	20-35V DC	24V	15 Amps	360 Watt
DDI 360 C12	30-60V DC	12V	30 Amps	360 Watt
DDI 360 C24	30-60V DC	24V	15 Amps	360 Watt
DDI 360 D12	60-120V DC	12V	30 Amps	360 Watt
DDI 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 165mm x 64mm (Outside Dimension inc Mounting Flange)
- Input & Output Connections: 6.3mm x 0.8mm fastons
- EMC Conformity EN50081-1, EN50082-1, Conformity to Automotive Directive 95/54/EC

The Technology

The DDI 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, CPPA policy is one of continuous improvement and for the latest information please contact us. E&OE