DC Master 12/12-3 (Isolated)



Product code: 81500600

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The required voltage for DC current can vary. Some equipment requires 24 V, while onboard equipment usually requires 12 V. For custom DC current, Mastervolt offers a series of compact and made to measure DC-DC converters for both 12 V and 24 V battery systems that offer stable power with the right current for any connected consumer. There is a wide range of DC Master converters available, including insulated and non-insulated models.

- Recreational and semi-professional use.
- Easy to install using included mounting bracket.
- Excellent price/performance ratio.
- Available in isolated and non-isolated version.

The non-isolated DC Master models have an electrical connection between the input and output.
Features:

- Low costs.
- Efficient: low heat generation.
- Compact.
- Suited to applications with negative earthing.

The isolated DC Master models provide galvanic isolation between input and output circuits.
Features:

- Extra touch-proof.
- Interference suppression for sensitive equipment.
- Available with negative or positive grounding.

Intelligent DC-DC converters

A large benefit of the DC Master models is their two minutes of extra capacity; ideal if you need a short power boost.

Complete package

All DC Master converters are delivered with mounting bracket, screws and fasteners.

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Specifications

General specifications

Nominal output voltage	13.6 V
Max. output power	54 W
Nominal output power	41 W
Max. output current (for 2 min. intervals)	4 A
Continuous output current	3 A
Nominal input voltage	12 V
Input voltage range (max.)	10-15.5 V DC (16 V)
Galvanic isolation	yes
Stabilised	yes
Dimensions, hxwxd	89 x 87 x 50 mm 3.5 x 3.4 x 2.0 inch
Weight	0.28 kg 0.6 lb
Compliance	CE

Technical specifications

DC consumption	< 15 mA
Connections	fast-on
Temperature range (ambient temp.)	-25 °C to 80 °C, derating > 30 °C -13 to 176 °F
Cooling	natural cooling
Protection degree	IP53

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