DC Master 12/12-3 (Isolated)



Product code: 81500600



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.



Specifications

General specifications

Nominal output voltage Max. output power Nominal output power Max. output current (for 2 min. intervals) Continuous output current Nominal input voltage Input voltage range (max.) Galvanic isolation Stabilised Dimensions, hxwxd

Weight

Approvals

Technical specifications

DC consumption Connections Temperature range (ambient temp.)

Cooling Protection degree 13.6 V 54 W 41 W 4 A 3 A 12 V 10-15.5 V DC (16 V) yes yes 89 x 87 x 50 mm 3.5 x 3.4 x 2.0 inch 0.28 kg 0.6 lb CE, E-mark

< 15 mA fast-on -25 °C to 80 °C, derating > 30 °C -13 to 176 °F natural cooling IP53

