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 13.6 V 54 W Max. output power 41 W Nominal output power Max. output current (for 2 min. intervals) 4 A

3 A Continuous output current 12 V Nominal input voltage 10-15.5 V DC (16 V) Input voltage range (max.)

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 IP53

Protection degree

