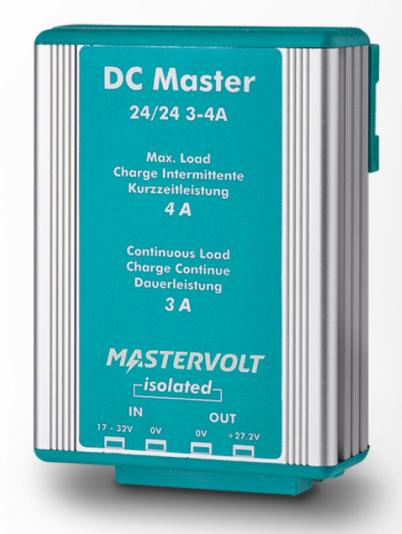
# DC Master 24/24-3 (Isolated)



Product code: 81500400



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 27.2 V 109 W 82 W 4 A 3 A 24 V 20-32 V DC (35 V) yes yes 127 x 87 x 50 mm 5.0 x 3.4 x 2.0 inch 0.44 kg 1.0 lb CE, E-mark

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

