DC Master 24/12-3 (Isolated)

Product code: 81500100

MASTERVOLT
THE POWER TO BE INDEPENDENT

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
Max. output power	82 W
Nominal output power	41 W
Max. output current (for 2 min. intervals)	6 A
Continuous output current	3 A
Nominal input voltage	24 V
Input voltage range (max.)	20-32 V DC (35 V)
Galvanic isolation	yes
Stabilised	yes
Dimensions, hxwxd	89 x 87 x 50 mm
	3.5 x 3.4 x 2.0 inch
Weight	0.29 kg
	0.6 lb
Approvals	CE, E-mark

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