

DC Master 24/12-12



Product code: 81400300

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

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| Nominal output voltage | 13.6 V |
| Max. output power | 245 W |
| Nominal output power | 164 W |
| Max. output current (for 2 min. intervals) | 18 A |
| Continuous output current | 12 A |
| Nominal input voltage | 24 V |
| Input voltage range (max.) | 20-32 V DC (35 V) |
| Galvanic isolation | no |
| Stabilised | yes |
| Dimensions, hwxwd | 127 x 87 x 50 mm 5.0 x 3.4 x 2.0 inch |
| Weight | 0.405 kg 0.9 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 |