

DC Master 12/12-6A (Isolated)



Power you can rely on

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.

Benefits

- Recreational and semi-professional use.
- Easy to install using included mounting bracket, screws and fasteners.
- Smart electronics mean no unnecessary heat generation.
- Continuous output.
- Insulated and non-insulated models available.
- Two minutes of extra power for short power boosts.
- Excellent price/performance ratio.

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 DC Master

All DC Master converters are delivered with mounting bracket, screws and fasteners.

Specifications

General specifications

| | |
|--|--|
| Nominal output voltage | 13.6 V |
| Max. output power | 108 W |
| Nominal output power | 81 W |
| Max. output current (for 2 min. intervals) | 8 A |
| Continuous output current | 6 A |
| Nominal input voltage | 12 V |
| Input voltage range | 10-15.5 V |
| Galvanic isolation | yes |
| Stabilised | yes |
| Dimensions, hwxwd | 217 x 87 x 50 mm 8.5 x 3.4 x 2.0 inch |
| Weight | 0.820 kg 1.8 lb |
| Approvals | CE, E-mark |

Technical specifications

| | |
|-----------------------------------|--|
| DC consumption | < 100 mA |
| Connections | fast-on |
| Temperature range (ambient temp.) | -25 °C to 80 °C, derating > 30 °C -13 to 176 °F |
| Sound level | < 30 dBA at 1 mtr |
| Protection degree | IP53 |
| Cooling | natural cooling |