

# DC Master 48/12-6A



Product code: 81400600

# 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	109 W
Nominal output power	82 W
Max. output current (for 2 min. intervals)	8 A
Continuous output current	6 A
Nominal input voltage	48 V
Input voltage range	40-62 V
Galvanic isolation	no
Stabilised	yes
Dimensions, hwxwd	89 x 87 x 50 mm 3.5 x 3.4 x 2.0 inch
Weight	0.415 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
Sound level	< 30 dBA at 1 mtr
Protection degree	IP53
Cooling	natural cooling