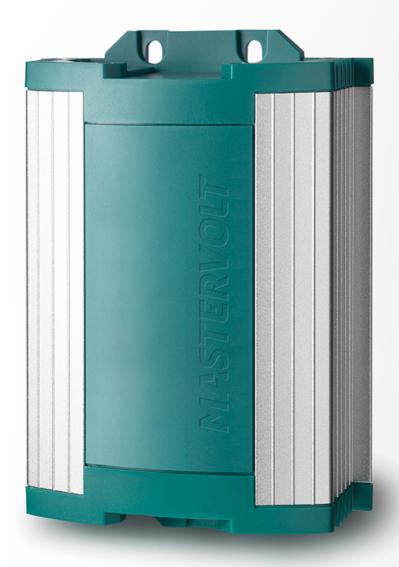
ChargeMaster 12/10



Product code: 43011000



Power you can rely on

- · 3-Step+ charging technology for fast and complete charging.
- · Safe and complete charging due to standard safety features.
- · Memory function prevents overcharging in case of an unstable power supply.
- · Clear control panel.
- · Easy to install.
- · Built-in system functionality (MasterBus) in combination with other Mastervolt products.

Always on course with Mastervolt...

Mastervolt ensures you an electrical system with no weak links and a dependable and silent power supply. Whether for recreational or professional purposes, with Mastervolt you always have power you can rely on... The power to be independent.

ChargeMaster battery chargers

Make the most of your batteries with the ChargeMaster, plugging in and charging anywhere in the world. Mastervolt's ChargeMaster guarantees fast and complete charging of your batteries no matter where you are. The ChargeMaster can charge multiple battery banks simultaneously thanks to its combined functionality. Moreover, all ChargeMasters can be easily connected to a MasterBus network with only one cable and one connection. You also have the option of central, local or remote monitoring, configuration and control of your system. The ChargeMaster is available in various models to guarantee you the ideal battery charger for any situation and demand.



Specifications

General specifications

Nom. output voltage 12 V

Total charge current 10 A

Number of battery outlets 1

Battery capacity range 25-100 Ah

Nominal input voltage 230 V (180-265 V), 50/60 Hz

AC connection cable + plug

Supplies your system without battery no
Display/read-out 1 LED

Dimensions, hxwxd 180 x 121 x 50 mm

7.1 x 4.8 x 2.0 inch

Weight 1 kg

2.2 lb

Fastening 4x screw

Approvals CE, ABYC A-31

Technical specifications

Temperature compensation

Charge characteristic IUoUo, automatic 3-step+ for gel/AGM/wet/Lithium Ion

Charge voltage Bulk 14.25 V
Charge voltage Absorption 14.25 V
Absorption time 6 hours
Charge voltage Float (wet batteries) 13.25 V
Charge voltage Float (gel/AGM batteries) 13.8 V

Voltage compensation automatic

Power consumption (DC side) < 1 mA

Full load consumption (230 V AC) 170 W

Current Control function no

Power factor control > 0.95

Temperature range (ambient temp.) -25 °C to 60 °C, derating > 40 °C

-13 to 140 °F

no

Cooling natural cooling
Sound level < 30 dBA at 1 mtr

Protection degree IP65
CSI/DC alarm no

Safety protections over temperature, over load, short circuit, high/low battery

voltage

MasterBus compatible no

