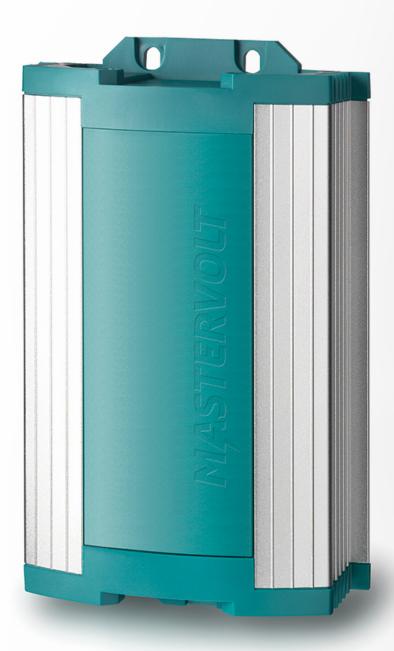
ChargeMaster 12/15-2



Product code: 43011500





- · 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 (not available on ChargeMaster 12/10 and ChargeMaster 12/15-2).

Power you can rely on

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 (not available on ChargeMaster 12/10 and ChargeMaster 12/15-2). 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.

Charging your batteries with every voltage

The Mastervolt ChargeMaster supplies a maximum capacity wherever you are via auto-ranging. Auto-ranging ensures perfect fully automatic operation anywhere in the world, regardless of the available mains voltage (90-265 V AC, 50 or 60 Hz). The 3-step+ charging technology guarantees fast and complete charging, while the cos phi 1 regulation gets the most out of limited generator capacity.

Sturdy connections

Metal-on-metal fitting gives a firm connection, and prevents corrosion or overheating of contact surfaces.

Charging multiple battery banks

The ChargeMaster series has three equal charge outputs. Those of the smaller ChargeMaster models are pre-installed with two metres of cable for a plug & play solution, while the heavier models have one full output (for example for your service battery) and two outputs of 10 A, ideal for your starter batteries.



Specifications

General specifications

Nominal output voltage12 VTotal charge current15 ANumber of battery outlets2Charge current second output15 ABattery capacity range30-150 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 Fastening screw

Dimensions, hxwxd 206 x 121 x 50 mm

 $8.1 \times 4.8 \times 2.0 \text{ inch}$ Weight 1 kg

2.2 lb
Approvals
CE, ABYC A-31

Technical specifications

Temperature compensation

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

-30 mV/ °C

Charge voltage Bulk 14.25 V
Charge voltage Absorption 14.25 V
Absorption time 6 bours

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

 $$-17\,\,\mathrm{mV/\,^\circ F}$$ Voltage compensation automatic

Power consumption (DC side) < 1 mA
Full load consumption (230 V AC) 250 W
Current Control function no
Power factor control > 0.95

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

 $\begin{array}{c} -13 \text{ to } 140 \text{ °F} \\ \text{Sound level} & < 52 \text{ dBA at 1 mtr} \\ \text{Protection degree} & \text{IP21} \end{array}$

CSI/DC alarm

Protections over temperature, over load, short circuit, high/low battery voltage
Cooling vario fan

Cooling vario
MasterBus compatible no