



MASTERVOLT CHARGEMASTER PLUS 24/40-3 CZONE

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MasterVolt ChargeMaster Plus are the next generation of chargers integrating multiple functions in one device, capable of charging up to 3 batteries simultaneously.

The MasterVolt ChargeMaster Plus replaces auxiliary chargers, reducing the complexity and cost of the system. Designed to be versatile, it charges virtually any combination of two or three batteries quickly and safely, anywhere in the world. With the new Battery's Best Friend architecture, the MasterVolt ChargeMaster Plus can charge countless different battery types in chemical composition, size and voltage. All batteries are charged using the 3-stage method.

The CAN based MasterBus enables the MasterVolt ChargeMaster Plus charger to communicate with displays, shunts and power systems using communication standards such as CZone®, NMEA 2000 and CANopen (via additional interfaces).

Models with the CZone option not only support MasterBus, but also CZone and NMEA 2000 communications, without the need for additional interfaces. The MasterVolt ChargeMaster Plus series can be configured via MasterBus or via a CZone configuration file like any other CZone device. For other communication standards such as ModBus, CANopen or LinBus additional interfaces are required.

Thanks to this wide range of communication interfaces, the MasterVolt ChargeMaster Plus is ideal for system integration. In addition, the MasterVolt ChargeMaster Plus can function as a power supply for sensitive communication equipment, or during the construction phase of a boat.

MASTERVOLT CHARGEMASTER PLUS 24/40-3 CZONE TECHNICAL CHARACTERISTICS Rated output voltage: 24 V

Max. output current for primary output: 40 A
Smart In-/Output voltage: 12 or 24 V
Smart In-/Output current: 5-10 A at 12 V; 5-20 A at 24 V
Smart In-/Output current: max. 20 A at 24 V
Total charging current: 40 A at 28.8 V
Max. AC current: 6.8 A / 13.5 A
Number of battery outputs: 3 (maximum)
Battery capacity range: 160-400 Ah
Nominal input voltage: 120/230 V (80-275 V) 50/60 Hz
Ac connection: terminals for cables up to 6 mm²
Power supply function: yes
Galvanic isolation: yes
Display/readings: LED display
Width: 250 mm
Length: 127 mm
Height: 384 mm
Weight: 5.9 kg

Certifications: CE, ABYC, UL1236, SAE J1171, ISO 8846, CEC/DOE, RCM/C-Tick, RMRS, RRR

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Technical Sheet

Frequency (Hz)	50 / 60
Voltage (V)	120 / 230
Effective current (A)	40
Charging voltage (V)	12 / 24
Length (mm)	250
Width (mm)	127
Height (mm)	384
Weight (Kg)	5.9