CombiMaster 12/2000-100 (120 V)



Product code: 35512000



Unmatched performance at an unprecedented price

Designed with the customer in mind and using the latest technology, the CombiMaster range is all about user-friendliness and reliability. But don't let that friendly appearance misguide you: the powerful CombiMaster range drives even the heaviest and most sensitive loads with ease!

With the CombiMaster, power dips and failures belong to the past. The automatic AC transfer system switches between generator or mains and inverter output, ensuring a constant power supply. Its *Power Assist* function prevents tripping of the mains fuse in case you're connected to a weak land line or small generator.

The CombiMaster range delivers unmatched performance and value for money. As you would expect from Mastervolt, the CombiMaster is completed with MasterBus, CZone and NMEA 2000 compatible communication, allowing for a broad range of monitoring and system integration options.

Remote Control and Monitoring options

- MasterBus compatible via SmartRemote or EasyView 5 display.
- · CZone / NMEA 2000 compatible via Touch 5 or Touch 10 display.
- NMEA 2000 compatible via 3rd party multifunctional display.

Features

- · Most compact and lightweight Combi in its class.
- · Reliable, hum-free and longer operation from your batteries.
- · Starts even the heaviest and most sensitive loads.
- · Intelligent 3-step+ battery charger for faster and safer charging.
- \cdot $\,$ Automatic switching between mains and inverter mode.
- · Power Assist prevents blown mains fuses.
- · Generator compatible.
- · Integrated CZone, MasterBus and NMEA 2000 communication.
- · Quick installation with heavy duty connections.
- · E-mark certified.



Specifications

Specifications sine wave inverter

- Nominal DC voltage Output voltage Output frequency Output waveform Continuous power at 40 °C / 104 °F, cos phi 1 Peak power (30 sec) Surge power (5 sec) Max. efficiency Battery no-load power consumption Energy saving mode consumption Synchronise with mains
 - g mode consumption with mains
- Specifications battery charger
- Input voltage range Max. input current Max. charge current at 40 °C / 104 °F Battery temperature sensor Battery voltage sense

Specifications transfer system

AC input AC output AC input fuse Transfer speed Transfer voltage range Transfer frequency range

General specifications

Galvanic isolation Display/read-out Dimensions, hxwxd

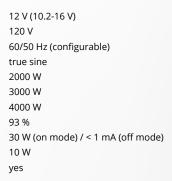
Weight

Approvals

Technical specifications

Charge characteristic Recommended battery capacity Ground relay Temperature range (ambient temp.)

Cooling Protection degree Safety class Humidity protection Protections Power Assist Power Sharing MasterBus compatible CZone / NMEA 2000 compatible



90-140 V 17 A (adjustable) 100 A at 14.25 V (configurable) yes, included automatic compensation

30 A (switched) 47 A yes 10 ms wide: 70-140 V / narrow: 90-140V 40-65 Hz

yes LED display 448 x 284 x 155 mm 17.6 x 11.2 x 6.1 inch 9.3 kg 20.5 lb ABYC A31, UL1236, UL1741, SAEJ1171

UoUo, automatic / 3-step+ for flooded, Gel/AGM and MLI, configurable 180-500 Ah (based on gel batteries, may differ for other types) yes, configurable by means of mechanical jumper -25 °C to 60 °C, derating > 40 °C -13 to 140 °F vario fan IP23 (vertical mounting) IEC protection class I conformal coating, max. 95 % relative humidity, non condensing over-temperature, overload, short circuit, high/low battery voltage yes, supports AC input with power from the battery yes, allows you to select AC Input fuse setting yes

