



# MASTERVOLT MASS 24/25-1ph LITHIUM BATTERY CHARGER

**Product price:**

**985,00 € tax excluded**

## **Product description:**

### MASTERVOLT MASS 24/25-1ph LITHIUM BATTERY CHARGER

The MASTERVOLT MASS 24/25-1ph battery charger has a nominal voltage of 24 V and features an LED display for digital readout and remote control. GMDSS.

MASTERVOLT MASS 24/25-1ph battery chargers are designed for heavy duty service in professional, semi-professional and recreational environments. Even under extreme conditions, the MASTERVOLT MASS 24/25-1ph will run smoothly at full power.

The reliability and technologies behind these chargers have been proven in practice for many years. With an average lifetime (MTBF) of 180.000 hours at full load in 7/24 operation, the MASTERVOLT MASS 24/25-1ph are ideal for the most demanding tasks and in any situation where a reliable energy supply is needed. MASTERVOLT MASS 24/25-1ph can be easily connected to the MasterBus network with one cable and one connection.

### MASTERVOLT MASS 24/100-3ph TECHNICAL SPECIFICATIONS

Nominal voltage: 24 V

Total charging current: 25 A at 28.5 V

Number of battery outputs: 2

Battery capacity range: 50-250 Ah

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

Power supply function (even without battery): yes

Galvanic isolation: yes

Display/readings display: LED

Charging voltage in Bulk: 28.5 V

Charging voltage in Absorption: 28.5 V

Absorption time: 4 hours

Temperature sensor: yes (included)



Self-consumption (DC side): Full load consumption (230 V AC): 800 W  
Current Control function: yes, via MasterBus  
Power factor: > 0.95  
Ambient temperature: -25 °C to 80 °C, reduction > 40 °C  
Cooling: variable speed fan  
Degree of protection: IP23  
Protections: overtemperature, overload, short-circuit, high/low battery voltage  
MasterBus compatible: yes  
Charger status interface (CSI) (alarm counting): yes  
Depth: 111 mm  
Width: 220 mm  
Height: 325 mm  
Weight: 3.3 kg

Looking for a charger with different technical specifications? Here you can find the full range of MASTERVOLT chargers or other specialized brands.

Images and technical data are not binding and may be subject to change by the manufacturer.

#### **Product features:**

Frequency (Hz): 50 / 60  
Cooling: Vario fan  
Protection degree: IP23  
Length (mm): 111  
Width (mm): 220  
Height (mm): 325  
Nominal output voltage (V): 24  
Total charge current: 25 A 28,5 V  
Number of battery outlets: 2  
Battery capacity range (Ah): 50-250 Ah  
Nominal input voltage (V): 230 V (180-265 V)  
Power supply mode: Yes  
Display/read-out: LED display  
Approvals: CE, ABYC A-31, RRR, RMRS, Lloyds, DNV GL  
Charge characteristic: IUoUo, automatic 3-step+ for gel/AGM/wet/Lithium Ion  
Charge voltage Bulk (V): 28.5  
Charge voltage Absorption (V): 28.5  
Absorption time (h): 4  
Charge voltage Float (wet batteries) (V): 26.5  
Charge voltage Float (Gel/AGM batteries) (V): 27.6  
Temperature sensor: Yes (included)  
DC voltage compensation: Yes





Power consumption (DC side) (mA): Less than 1

Full load consumption (230 V AC) (W): 880

Current Control function: Yes, through MasterBus

Power factor control: Greater than 0.95

Temperature range (ambient temp.): -25 °C at 80 °C, reduction greater than 45 °C -13 °F at 176 °F

Protections: Over temperature, over load, short circuit, high/low battery voltage

MasterBus compatible: Yes

Charger Status Interface (alarm contact): Yes

Weight (Kg): 3.3

