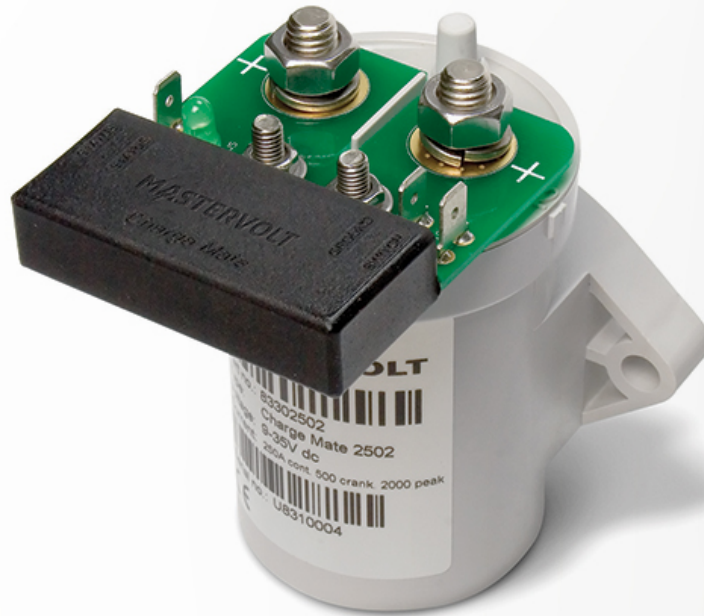


# Charge Mate 2502



Product code: 83302502

A secondary battery is becoming increasingly common. As a second battery can prevent the main battery from depleting and being unable to start, this seems like a safe and reliable solution. The second battery, however, also has to be charged regularly. Mastervolt has the solution: The Charge Mate connects both batteries with a relay while charging, and keeps them isolated when discharging. The Charge Mate is especially practical for small systems.

# Specifications

## General specifications

Battery voltage	12/24 V
Continuous power	500 A
Number of modes	on, off, auto, start assist
Dimensions, hwxwd	90 x 80 x 85 mm 3.5 x 3.1 x 3.3 inch
Weight	0.65 kg 1.4 lb

## Technical specifications

Power consumption (DC side)	switch open: < 1 mA at 12/24 V
Inrush current (250 ms)	2000 A
Switch on voltage	13-15 V (12 V) / 26-30 V (24 V)
Switch on delay	30 sec.
Switch off voltage	< 12.25 V... > 15 (12 V) / < 25.5... > 30 V (24 V)
Switch off delay	3 minutes
Temperature range (ambient temp.)	-40 °C to 60 °C -40 to 140 °F
Protection degree	IP21