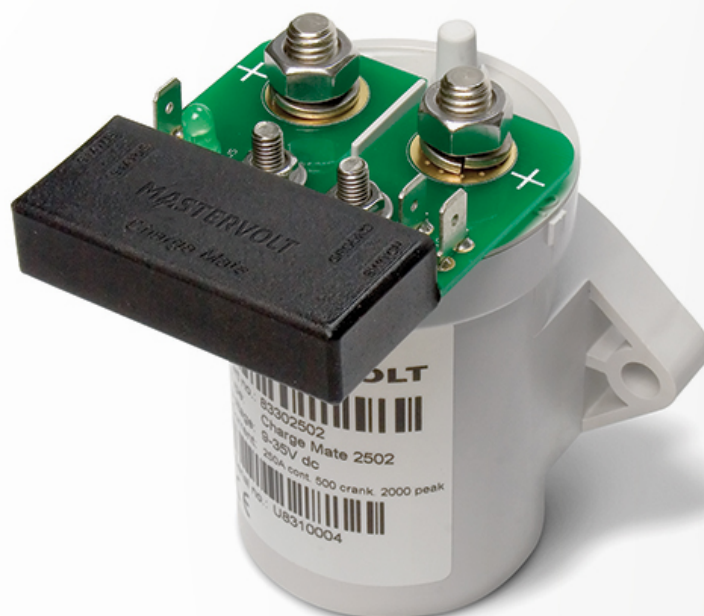


# Charge Mate 2502



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. The Charge Mate series connects both batteries during charging and keeps them isolated when discharging.

The Charge Mate 1202 and 2502 are especially practical for small systems.

# Specifications

## General specifications

|                   |                             |
|-------------------|-----------------------------|
| Battery voltage   | 12/24 V                     |
| Max. current      | 500 A                       |
| Number of modes   | on, off, auto, start assist |
| Dimensions, hxxwx | 90 x 80 x 85 mm             |
|                   | 3.5 x 3.1 x 3.3 inch        |
| Weight            | 0.65 kg                     |
|                   | 1.4 lb                      |
| Compliance        | CE                          |

## Technical specifications

|                                   |  |
|-----------------------------------|--|
| Power consumption                 | switch open: < 1 mA at 12/24 V DC                  |
| 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  |
| Relay                             | electro-mechanical                                 |
| Temperature range (ambient temp.) | -40 °C to 60 °C                                    |
|                                   | -40 to 140 °F                                      |
| Protection degree                 | IP21   |