

# 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, hwxwd	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