

Charge Mate Pro

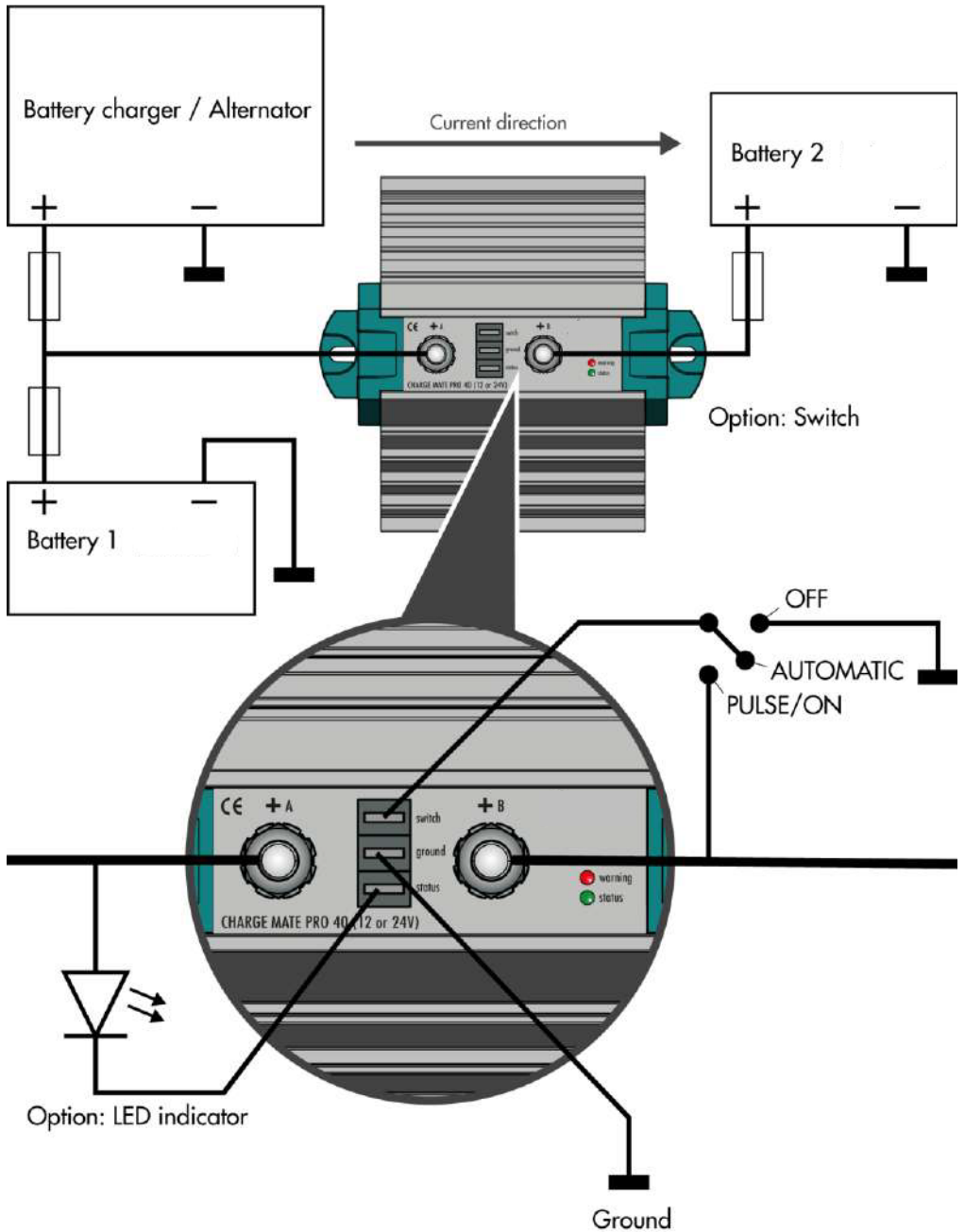
CURRENT LIMITED ELECTRONIC CHARGE RELAY



MANUAL

1000010901/01

Charge Mate Pro



Specifications

Model	83304002 / 83309002
Weight	0.88 kg 1.9 lb
Dimensions	157 x 140 x 80 mm 6.2 x 5.5 x 3.1 in
Input voltage	9-32 Vdc
Operation temperature	-40 to 60 °C -40 to 148 F
Maximum output current	40 A / 90 A
Maximum voltage drop	0,2 V
Maximum allowed voltage difference	8 V @ 12 V / 16 V @ 24 V
Maximum current Status output	1 A

Automatic 12/24V detection

Switch on voltage	>13,5 V @12 V / >27 V @ 24 V
Switch on delay time	5 s
Switch off voltage	<12.75 V @ 12 V / <25.50 V @ 24V
Switch off delay time	2,5 s

Recommended wire sizes for wire length up to 3 meters (DIN 47750)**DC Current****Wire size**

25 – 75 Amp	16 mm ² (AWG 4)
75 – 100 Amp	25 mm ² (AWG 3)
100 – 140 Amp	35 mm ² (AWG 1-2)
140 – 200 Amp	50 mm ² (AWG 0)