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M149N - Solar Charging Controller 12 V/DC, 10 A / 20 A



This solar charging controller is connected between a solar cell 12 V/DC (open circuit voltage 14 - 30 V/DC) and a battery 12 V/DC to prevent an overcharge of the battery. LED displays for “battery full” (approx. 14.4 V/ DC) and “charging”.

Technical Data:
Input voltage solar cell panels: 14 - 30 V/DC open circuit voltage
Nominal voltage: 12 V/DC
Max. input current: 10 A, short-time till 5 min: 20 A
Inrush voltage: battery voltage approx. <13.4 V
Interrupting voltage: battery voltage approx. >14.4 V
Displays: 1 LED for “CHARGING”, 1 LED for “BATTERY FULL”
Own power consumption: <2.5 mA (LED switched on)
Dimensions: approx. 72 x 50 x 42 mm (without fastening straps)