



Deutsch



English



Español



Français



Nederlands



Português



Polski



Русский

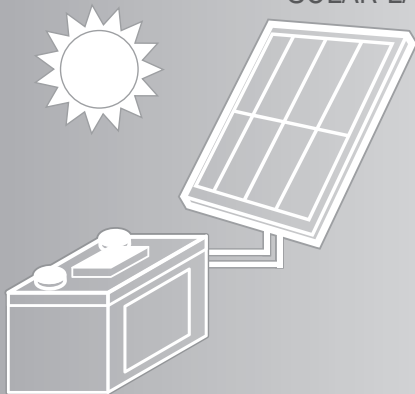
# Kemo®

## Electronic

# M149N

### SOLAR CHARGING CONTROLLER 12 V/DC, 10 A / 20 A

### SOLAR-LADEREGLER 12 V/DC, 10 A / 20 A



## Must have for solar panel plant!

## **M149N | Solar-Laderegler 12 V/DC, 10 A / 20 A**

Dieser Solar-Laderegler wird zwischen einer Solarzelle 12 V/DC (Leerlaufspannung 14 - 30 V/DC) und einem Akku 12 V/DC geschaltet, um ein Überladen des Akkus zu verhindern. LED-Anzeigen für: „Akku voll“ (ca. 14,4 V/DC) und „Ladung läuft“.

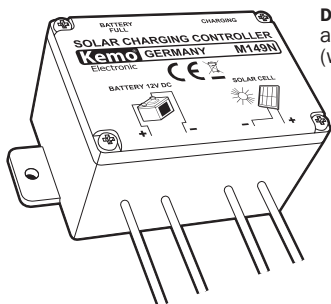
## **M149N | Solar Charging Controller 12 V/DC, 10 A / 20 A**

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)

**ES** Regulador de carga solar 12 V/DC, 10 A / 20 A | **FR** Régulateur de charge solaire 12 V/DC, 10 A / 20 A | **NL** Zonnecel-lader 12 V/DC, 10 A / 20 A | **PT** Solar regulador de carga 12 V/DC, 10 A / 20 A | **PL** Regulator ładowania solarów 12 V/DC, 10 A / 20 A | **RU** Солнечный регулятор зарядки 12 Вольт, 10 A / 20 A



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**Dimensions:**  
approx. 72 x 50 x 42 mm  
(without fastening straps)

**110527**

**[www.kemo-electronic.de](http://www.kemo-electronic.de)**



P / Module / M149N / Ver.001 / KV008