

CM series (4 – 10 A)

Solar Charge Controllers



- Charging display with LED
- Large terminals (up to 16mm²)
- PWM-regulation
- Boost & float charging method
- Solid-state overvoltage protection
- Reverse polarity protection

The CM charge controller is especially for use in small solar systems where no load disconnect is required, as in yachts, caravans, etc.

The charging regime provides best battery treatment at reasonable cost. The electronic circuit is equipped with a microcontroller that provides high-efficiency charging technology.

Type	CM 04	CM 10
System voltage	12 V	
Max. charge current	4 A	10 A
Float charge	13.7 V	
Boost charge	14.5 V activation: battery voltage < 12.2 V	
Max. panel voltage (Overvoltage protection by varistor)	30 V	
Max. self consumption	4 mA	
Grounding	positive grounding possible	
Ambient temperature	-40 to +50 °C	
Max. height	4,000 m above sea level	
Battery type	lead acid (GEL, AGM, flooded)	
Wire cross section	< 16 mm ²	
Weight	68 g	
Dimensions (W x H x D)	72.6 x 61 x 30.4 mm	
Type of protection	IP22	

Datasheet_CM series_1/1_e_2010-04-01_Subject to change without notice