

## CM series (4 – 10 A)

Solar Charge Controllers



- LED charging display
- Large terminals up to 16 mm<sup>2</sup>
- Two-stage PWM charging algorithm (boost & float charging)
- Electronic overvoltage protection
- Reverse polarity protection

The CM charge controllers were especially designed for use in small solar systems where no load disconnect is required, such as in boats or trailers.

The charge controllers provide excellent battery charging at a reasonable cost.

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. own 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	Up to 16 mm <sup>2</sup>	
Weight	68 g	
Dimensions (W x H x D)	72.6 x 61 x 30.4 mm	
Type of protection	IP22	