



# CML05-2, CML10-2, CML15-2, CML20 Solar Charge Controllers



Battery State-of-Charge display with 3 LEDs

Charge status display

Acoustic load disconnect pre-warning

Load disconnect indication

Load short circuit and overload indication

PWM-regulation (series type)

Boost, Equalize and Float charging, also for VRLA

SOC and voltage controlled LVD

Automatic 12 / 24 Volt detection

Integrated temperature compensation

Large terminals (up to 16mm<sup>2</sup> wire size)

Fully electronically protected



The CML series is a sophisticated solar charge regulator family for low cost applications.

The electronic circuit is equipped with a microcontroller that provides high-efficiency charging technology together with a number of outstanding status display, warning and safety functions.

The temperature-compensated three-stage PWM charging method (boost - equalization - float) is now adjustable to sealed and vented lead-acid batteries. The new version also allows an either SOC or voltage controlled low voltage disconnect function.

The battery status is clearly indicated by three LEDs.

As the first controller on the market in this price range it comes with an acoustic low voltage load disconnect pre-warning feature.

## CML

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	CML05-2	CML10-2	CML15-2	CML20
Max. module current	5 A	10 A	15 A	20 A
Max. load current	5 A	10 A	15 A	20 A
System voltage	12/24 V	12/24 V	12/24 V	12/24 V
Self power consumption	< 4 mA	< 4 mA	< 4 mA	< 4 mA
Dimensions (WxHxD)	80x100x32 mm	80x100x32 mm	80x100x32 mm	80x100x32 mm
Type of protection	IP20	IP20	IP20	IP20