



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



Power class: 5A – 20A

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.

Features

- 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 16mm² wire size)

Electronic Protections

- Fully electronically protected

Displays

- 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

5, 10, 15, 20 A solar regulator Data sheet

Solar Charge Controller	CML05-2	CML10-2	CML15-2	CML20
Charge current max.	5A	10A	15A	20A
Load current max.	5A	10A	15A	20A
System voltage	12 V / 24 V	12 V / 24 V	12 V / 24 V	12 V / 24 V
Self power consumption	<4mA	<4mA	<4mA	<4mA
Dimensions (wxhxd)	80x100x32mm	80x100x32mm	80x100x32mm	80x100x32mm
Type of protections	IP20	IP20	IP20	IP20