

phocos

The core of independence



About Phocos

Products

Charge Regulators

CA - Charge Regulator

CM - Charge Regulator

CML - Charge Regulator

CML-Nightlight

CR - Wind Charge Reg.

CX - Charge Regulator

PR - Charge Regulator

PL System Management

SPS System Controller

Excess Energy

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Jobs



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 16mm² 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.

	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

Sitemap