



phocos

CML5, CML10, CML15 Solar Charge Controllers



- Battery State-of-Charge display with 3 LEDs
- Charge status display
- Acoustic load disconnect prewarning
- Load disconnect indication
- Load short circuit indication
- overload indication
- PWM-regulation (series type)
- Three-stage charging method
- Automatic 12 / 24 Volt detection
- Integrated temperature compensation
- Large terminals (up to 16mm² wire size)
- Solid-state circuit and load protection
- Solid state reverse polarity protection
- No melting fuses

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.

Excellent battery treatment is now available at reasonable cost and with long term reliability even at tough environmental conditions.

The temperature-compensated three-stage PWM charging method (boost- equalization - float) is well proven in the CR charge controller series. It is designed for charging sealed and vented lead-acid batteries.

The **battery status** is clearly displayed 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	CML10	CML15
Max. module current	5 A	10 A	15 A
Max. load current	5 A	10 A	15 A
System voltage	12 / 24 V		
Self power consumption	< 4 mA		
Dimensions	80x100x32 mm (WxHxD)		
Type of protection	IP22		

Subject to change without notice. Jan 2003