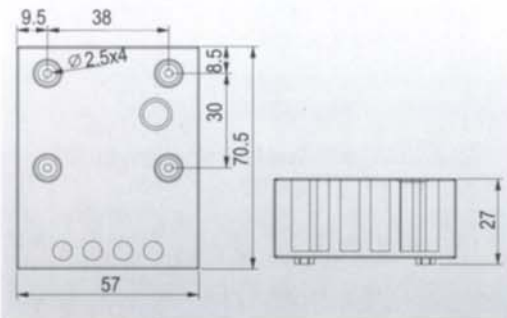




CM Solar Charge Controller

The CM charge controller is designed specifically for use in small solar systems where the load disconnect feature is not required. The CM is ideally suited for applications on yachts and in caravans.

- **Highly efficient battery charging capabilities**
PWM shunt battery regulation with integrated temperature compensation.
- **Extremely reliable**
Solid state circuit, anti-melting fuse, PCB conformal coating for protection against harsh environment.



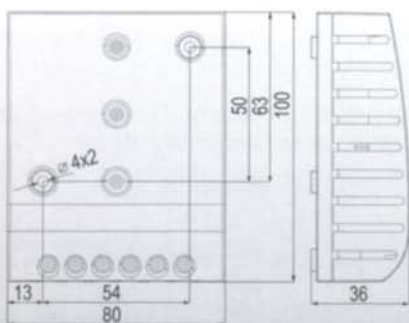
Technical Data	CM04
Nominal voltage	12V
Max. solar panel current	4A
Ambient temperature range	-40°C to +50°C
Max. wire size	16mm ² (AWG#6)
Self consumption	4mA
Weight	110g



CA Solar Charge Controller

Phocos CA controller is a perfect solution for cost-sensitive PV systems (particularly those used for rural electrification and leisure applications)

- **Advanced electronic design**
Temperature compensated two-stage PWM-series charging method. PCB conformal coating for humidity protection.
- **Complete electronic protection**
Anti-melting fuse. Fully protected against reverse polarity, short circuit, overcurrent, overload and reverse current.
- **Easy to connect**
Large and rugged terminal block with anti-corrosive screws. Compact casing similar to that of the popular CML series.



Technical Data	CA06	CA08	CA10	CA14
Nominal voltage	12V	12V	12V	12V
Max. solar panel current	5A	8A	10A	14A
Max. load current	6A	8A	10A	14A
Overcharge protection	Constant voltage PWM series regulation: boost charge, float charge			
Overdischarge protection	Controlled by fixed battery voltage (11.5V)			
Ambient temperature range	-40°C to +50°C			
Max. wire size	16mm ² (AWG#6)			
Self consumption	4mA			
Weight	180g			