

# CA series (6 – 14 A)

Solar Charge Controller



- Electronically regulated charging mode: boost and float charge
- Deep discharge protection
- PWM series regulation (PV panel is not short-circuited)
- Integrated temperature compensation
- Fully electronically protected against:
  - Panel surge voltage
  - Wrong polarity (panel or battery)
  - Overload and short circuit at load
- Three LED indications: Charge Status, SOC, LVD, Overload/Short Circuit
- Common positive allows grounding

The new version of the CA solar charge controller series is especially designed for small solar systems requiring low-battery disconnect. The CA series is fully electronically protected. Three LEDs display charging progress,

battery SOC and load status (load disconnect).

Leisure and rural electrification systems are the typical applications for this product. It is a perfect solution for cost-sensitive systems.

Type	CA 06	CA 08	CA 10	CA 14
Normal voltage	12 V			
Max. module current	5 A	8 A	10 A	14 A
Max. load current	6 A	8 A	10 A	14 A
Own consumption	4 mA			
Temperature compensation	-4 mV/cell*K			
Max. wire size	16 mm <sup>2</sup>			
Ambient temperature	-40 to +50 °C			
Dimensions (W x H x D)	80 x 100 x 32 mm			
Weight	182 g			
Type of protection	IP22			