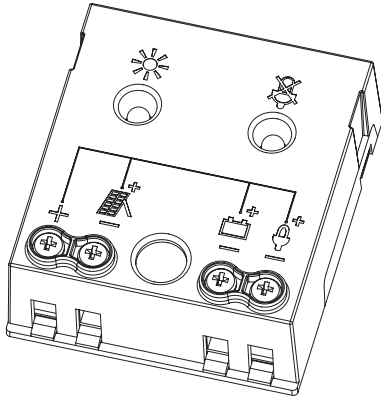


LCC02/06, LCC04/08

Solar charge controller



- 12V Nominal system voltage
- Temperature compensated 2-stage series PWM-regulation
- Overcharge and discharge protection function
- Fully electronic protected: Panel surge voltage, wrong polarity at panel or battery, overload and short circuit at load
- 2 LED indicators: Charge status, Discharge protection
- Common positive grounding

LCC solar charge controller series is especially designed for small solar systems with the need of a low battery disconnect feature.

Now the regulation circuit provides serial regulation to prevent single cell overheat problems(hotspot) of short-circuited solar panels. The terminal section has been replaced by a rugged, well proven 16 mm² terminal block.

The melting fuse of the predecessor has been replaced by a fully electronic protected circuit.

2 LEDs to display "charging in progress", "load disconnect" and "overload" status.

Leisure and rural electrification systems are the typical applications for this product. It is a perfect solution for cost-sensitive systems which require state-of-the-art system management.

TYPE	LCC02/06	LCC04/08
Nominal voltage	12V	12V
Boost voltage	14.4V	14.4V
Float voltage	13.8V	13.8V
Load disconnect voltage	11.5V	11.5V
Load reconnect voltage	12.8V	12.8V
Max. solar charge current	2A	4A
Max. load current	6A	8A
Self consumption	<4mA	<4mA
Ambient temperature range	-40 - +50 °C	-40 - +50 °C
Dimensions	72 x 65 x 29mm	72 x 65 x 29mm
Weight	69g	69g
IP protection	IP22	IP22