

SOLARA® charge controllers

For a long battery life

SOLARA® charge controllers are designed to protect batteries from overcharge and deep discharge. Coloured LED's or LCD displays help to provide a clear picture of the solar system.

Quality „Engineered in Germany”



- high reliability
- PWM charging characteristic
- Automatic 12/24V detection (except SR60UL)
- Low voltage disconnection (except SR60UL)
- Excellent value
- Mounting friendly due to DIN rail option

Part. No.	Module power up to	Voltage	Display
SR60UL	240 Wh/d (bis 60 Wp)	12V	LED
SR135TL	540 Wh/d (bis 135 Wp)	12V/24V	LED
SR170CX	680 Wh/d (bis 170 Wp)	12V/24V	LCD
SR340CX	1360 Wh/d (bis 340 Wp)	12V/24V	LCD
SR/CMM	digital display for SR135TL, display for module, load current and battery voltage		
SR/CXM	digital display for SRxxxCX, same as SR/CMM plus system state and datalogger		



SOLARA® battery manager

To recharge or trickle charge a second on-board battery:

The battery manager is a unit for charging or keeping a second battery fully charged in mobile applications like yachts or RV's. Furthermore special loads can be supplied with the built-in excess energy management. It can also be used to provide a constant voltage of 1.5,3,4.5,6,9,12 or 13.6 VDC for small loads.

Part.No.	Description	Voltage	Display
SR/ZB	battery manager	12V	LED



SOLARA® charge controller for two battery circuits

To recharge two separate 12 or 24V batteries

The domestic battery will be charged first, and then the engine battery bank will be charged.

Part.-No.	Module power up to	Voltage	Display
SR260ZB	1040 Wh/d (bis 260 Wp)	12V/24V	LCD *
SR260ZB/E	1040 Wh/d (bis 260 Wp)	12V/24V	LCD *
SR300ZB	1040 Wh/d (bis 260 Wp)	12V/24V	LED

* with LCD display for battery voltage, charging current and load current.



SOLARA® charge controllers with PPT tracking

Micro-processor controlled charger for charging 12V systems with an intelligent peak-power-tracking. So you can get up to 30% more output from your panels.

Part. No.	Module power up to	Display	Extras
SR150PPT 1	600 Wh/d (bis 150 Wp)	LED	
SR240PPT 2	960 Wh/d (bis 240 Wp)	LED	second battery terminals



SOLARA® digital displays

The DA20 is a simple LCD monitor displaying charging and discharging current plus battery voltage. Voltage 8-48V, max. current 20A. (Also available for flush mounting).

Part. No.: DA20
Part. No.: DA20/E

