

Steca PA LCD1

Remote display, accessories for Steca Solarix 2020-x2

The Steca PA LCD1 is a remote graphical display for the Steca Solarix 2020-x2 solar charge controller. All system information is shown at a glance, with the energy flow displayed as a graphic, rendering it intuitively comprehensible. The remote display is equipped with a comprehensive data logger with a graphical display, which enables full monitoring of the entire system. Virtually all charge controller parameters can be set and modified using the remote display. This enables the distribution of charge power between the two batteries to be adjusted. For the load output, all automatic time and battery voltage functions are fully programmable. A USB charge socket for smartphones and tablets is also available.



Product features

- Can only be used in conjunction with the Steca Solarix 2020-x2
- Simple installation
- Maintenance-free
- Fully-fledged integrated data logger
- Best reliability
- Four freely programmable timers with week day function
- Evening, night light and daylight functions
- Generator manager
- Surplus manager
- Automatic shutdown when not in use for more than week
- USB charge socket for smartphones and tablets

Displays

- Multifunction graphical LCD display with backlighting
 - ~ for operating parameters, voltage, current, fault messages

Operation

- Simple menu-driven operation
- Programmable via 4 buttons

Interfaces

- StecaLink Bus

Certificates

- Compliant with European Standards (CE)
- RoHS compliant
- Made in Germany
- Developed in Germany
- Manufactured according to ISO 9001 and ISO 14001

PA LCD 1	
Characterisation of the operating performance	
System voltage	10 V ... 60 V
Own consumption	30 mA
Adjustable parameters	– End of charge voltages (float / boost / equal) – Distribution of the charge power between main and auxiliary battery – Type of battery – LVD / LVR load output
Safety	
Alarm output	for all recorded parameters programmable
Operating conditions	
Ambient temperature	-10 °C ... + 60 °C
Relative humidity	0 % ... 95 %, non-condensating
Fitting and construction	
Interfaces	1 x RJ45, StecaLink Bus
USB charger socket	5 V / 500 mA ... 800 mA
Degree of protection	IP 21
Mounting	surface-mounted / flush-mounted
Dimensions (X x Y x Z)	90 x 180 x 30 mm
Weight	approx. 400 g

Technical data at 25 °C / 77 °F

Steca PA Link1

Parallel switch box, accessories for Steca Solarix PI

Up to four Steca Solarix PI can be operated in parallel. The connections are made via this external box, the Steca PA Link1.

The Steca PA Link1 is compatible with all Solarix PI inverters of the latest generation.



figure similar

PA Link1	
Operating conditions	
Ambient temperature	-20 °C ... +45 °C
Relative humidity	0 % ... 95 %
Fitting and construction	
Cable	1 x data cable master 3 x data cable slave
Interfaces	4 x inverter (RJ45)
Dimensions (X x Y x Z)	200 x 110 x 54 mm
Weight	830 g

Technical data at 25 °C / 77 °F