

Steca PA 15

Accessories for Steca Power Tarom

Remote control

The Steca Power Tarom charge controllers send out signals (125 kHz on 300 Baud) which are modulated on the DC cable and received by the Steca PA 15 remote control.

These signals contain information on the batteries' state of charge (SOC). The Steca PA 15 features five different operating modes (see below) which can be set using five different jumper positions. The maximum switching capacity of 15 A can be increased with a Steca PA EV200 DC relay to up to 200 A if desired.



Product features

- Receives information on SOC and time (day/night)
- Load control via priority assignment
- Adjustable SOC thresholds
- Connects a maximum of 9 solar arrays in parallel
- Current surge switch function

Electronic protection functions

- Switches off load if there is no signal
- Reverse polarity protection by internal fuse
- Overtemperature and overload protection

Operation

- Configuration by jumpers

Modes of operation

- Management of parallel solar generators
- When the battery is full, excess energy is redirected to additional loads such as pumps, water heaters
- Automatic start / stop of diesel or wind back-up generators
- Night light function
- Acoustic alarm at deep discharge or overheating

Certificates

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

PA 15	
Characterisation of the operating performance	
Power supply	10.5 V ... 60 V DC, 5 mA
Data transmission	300 Baud
Transmission frequency	125 kHz signal frequency, 450 kHz intermediate frequency
DC output side	
Load current	15 A; 10 A at 40°C; 100 A pulse < 10 μs
Safety	
Overload protection	by 15 A fuse
Wrong polarity protection	fuse
Operating conditions	
Ambient temperature	-10 °C ... +50 °C
Fitting and construction	
Terminal (fine / single wire)	2.5 mm ² / 4 mm ² - AWG 14 / 12
Degree of protection	IP 22
Dimensions (X x Y x Z)	98 x 87 x 34 mm
Weight	110 g

Technical data at 25 °C / 77 °F

Areas of application:

