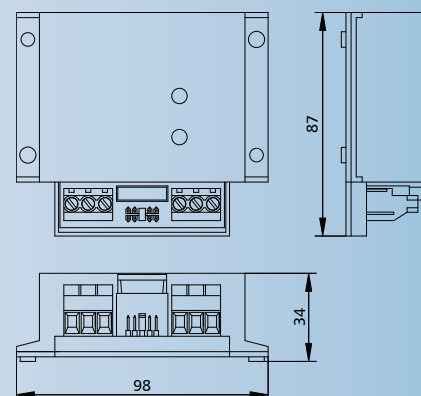




Accessories



Steca PA 15

Remote Control

Tarom and Power Tarom charge controllers send out signals (125 kHz on 300 baud) which are modulated on the DC power line and received by Steca PA 15 remote control. These signals are information on the state of charge (SOC) of the battery. No additional cabling is required. The PA 15 has five different operation modes adjustable by five different jumper positions. The limited switching capacity of 15 Amp can be increased by an optional 10 kW DC relay.

Certificates

- conform to European Standards (CE)
- Made in Germany
- manufactured in a
 - DIN EN ISO 9001:2000 and
 - DIN EN ISO 14001 facility



Remote control for Tarom series	PA 15
power supply	10.5 V...60 V DC, 5 mA
maximum current allowed	15 A ; 10 A at 40 °C; 100 A pulse < 10 μS
overload protection	by 15 A fuse
wrong polarity protection	fuse
data transmission	300 Baud
transmission frequency	125 kHz signal frequency, 450 kHz intermediate frequency
ambient temperature allowed	-10 °C...+50 °C
terminal size (fine / single wire)	2.5 mm ² / 4 mm ²
enclosure protection class	IP 22
weight	110 g
dimensions l x w x h	87 x 98 x 34 mm

Technical data at 25 °C / 77 °F

Features

- receives information on SOC & time (day / night)
- two field adjustable SOC thresholds
- high reliability by electronic mosfet switch
- connects a maximum of 9 solar arrays in parallel
- optional manual load disconnect connected to terminal "S"

Operation modes

- automatic start / stop of diesel or wind back up generators
- if battery is full the excess energy production is switched over to additional loads e. g. water pump, water heater
- load control by priority
- load only operates by night
- acoustic prewarning before load disconnect

Protections

- switches off load if there is no signal
- 15 Amp fuse against reverse polarity of load & battery
- wrong grounding
- overcurrent