

Steca PA CAB1 Tarcom, Steca PA CAB2 Tarcom and Steca PA CAB3 Tarcom

Data cable

Steca data cables are used to connect the Steca Tarcom 4545/4545-48 (PA CAB2), Steca Tarcom MPPT 6000-M (PA CAB3) and Steca Power Tarcom (PA CAB1) solar charge controllers to a PC via a USB port. This allows direct monitoring of a system without using a data logger. This feature is especially suitable for short-term system monitoring and on-site testing. The most important system information is transferred to the PC in real time and can be conveniently analysed and graphically visualised using the Steca TarCom software. To use this convenient data transfer system a driver and the Steca TarCom software must first be installed on the PC (Download available at www.stecasolar.com). „Tarcom RJ45 in“ can be selected under options/settings/extra in the Steca TarCom software menu system. The software then directly accesses the data from the solar charge controller and displays this on the PC.

Product features

- Connection cable 1.8 m
- FTDI chip as USB-RS-232 converter

Interfaces

- Connection to Steca Tarcom 4545/4545-48 and Tarcom MPPT 6000-M via connector block
- Connection to Steca Power Tarcom via RJ45 plug
- Connection to PC via USB

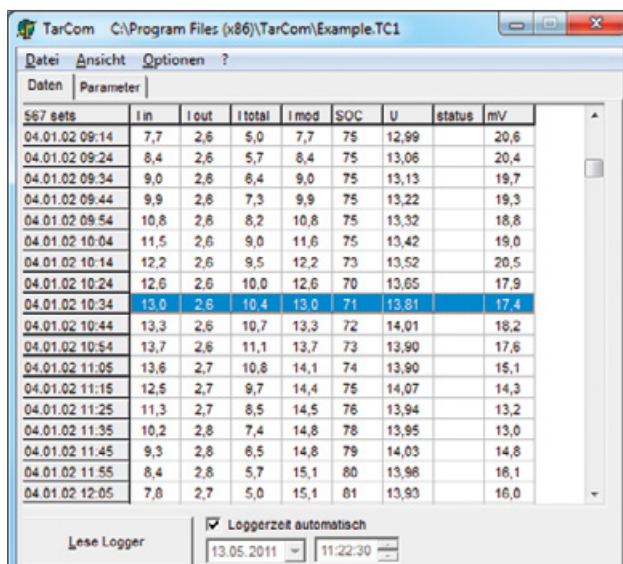
Installation software (Windows)

- Steca TarCom PC-Software (only Steca Power Tarcom and Steca Tarcom 4545/4545-48)
- Virtual COM port (by FTDI driver)
- Driver for FTDI chip (by FTDI driver)
- Configuration of the Steca Power Tarcom and Steca Tarcom 4545/4545-48 for data transfer



Steca PA CAB1 Tarcom

Steca PA CAB2 Tarcom
Steca PA CAB3 Tarcom



Software Steca TarCom

Steca PA TS10, Steca PA TS20IP10 and Steca PA TS-S

External temperature sensors

The Steca PA TS10, Steca PA TS20IP10 and Steca PA TS-S external temperature sensors are used for monitoring the battery temperature. All Steca solar charge controllers have an integrated temperature sensor that makes them capable of adjusting the charging strategy to suit the current temperature conditions. The external temperature sensors are only required when the battery must be installed in a different room to the solar charge controller. The Steca PA TS10 is supplied with a plug for connection to the solar charge controller and a ring eyelet for connection to the battery screw. The Steca PA TS20IP10 comes with plugs and a ring eyelet, making free cable selection possible. The external temperature sensors are suitable for use with Steca PR 10-30, Steca Solarix, Steca Solarix MPPT, Steca Power Tarcom, Steca PR 2020 IP, Steca Tarcom 4545/4545-48 and Steca Tarcom MPPT 6000-S/6000-M solar charge controllers.

Product features

- Passive sensor
- Low weight
- Very long lifetime
- Simple installation
- Maintenance-free
- No own consumption
- Best reliability

Certificates

- Compliant with European Standards (CE)
- RoHS compliant



Steca PA TS-S

	PA TS10	PA TS20IP10	PA TS-S
Characterisation of the operating performance			
Measurement accuracy	+/-5 %		
Operating conditions			
Ambient temperature	-25 °C ... +125 °C		
Fitting and construction			
Battery connection	ring eyelet Ø 10 mm		pin
Charge controller connection	plug	twice a 2-pole luster terminal	2-pole cable, optional connector
Cable	3.75 m	without cable	1.8 m
Degree of protection	IP 22		
Weight	95 g	30 g	40 g

Technical data at 25 °C / 77 °F

Solar charge controller	Type	Connection
Steca Solarix MPPT 1010/2010, Steca Solarix 2525/4040, Steca PR 10-30, Steca Power Tarcom	Steca PA TS10	spring connector strip
Steca PR 2020 IP	Steca PA TS20IP10	twice a 2-pole luster terminal
Steca Tarcom 4545, Steca Tarcom 4545-48	Steca PA TS-S	connector block
Steca Tarcom MPPT 6000-S, Steca Tarcom MPPT 6000-M	Steca PA TS-S	2-pole connector