

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

### Data cable

Steca data cables are used to connect the Steca Tarom 4545/4545-48 (PA CAB2), Steca Tarom MPPT 6000-M (PA CAB3) and Steca Power Tarom (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](http://www.stecasolar.com)). „Tarom 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 Tarom 4545/4545-48 and Tarom MPPT 6000-M via connector block
- Connection to Steca Power Tarom via RJ45 plug
- Connection to PC via USB

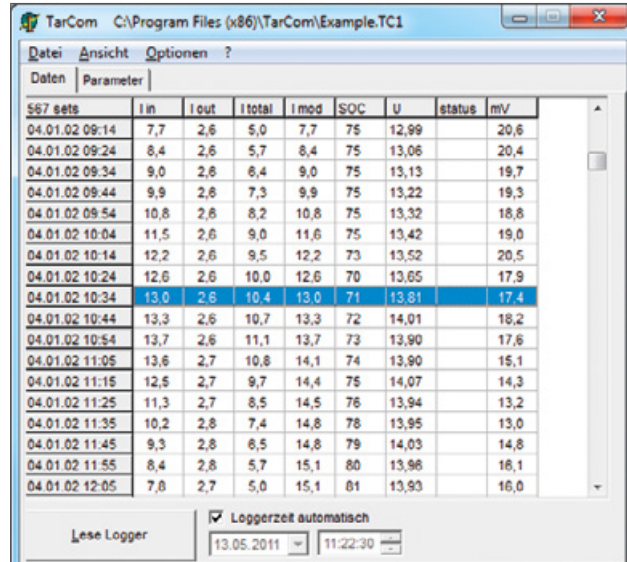
### Installation software (Windows)

- Steca TarCom PC-Software (only Steca Power Tarom and Steca Tarom 4545/4545-48)
- Virtual COM port (by FTDI driver)
- Driver for FTDI chip (by FTDI driver)
- Configuration of the Steca Power Tarom and Steca Tarom 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 Tarom, Steca PR 2020 IP, Steca Tarom 4545/4545-48 and Steca Tarom 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                          |
|--|---------------------|--------------------------------|----------------------------------|
| <b>Characterisation of the operating performance</b> |                     |                                |                                  |
| Measurement accuracy                                 | +/-5 %              |                                |                                  |
| <b>Operating conditions</b>                          |                     |                                |                                  |
| Ambient temperature                                  | -25 °C ... +125 °C  |                                |                                  |
| <b>Fitting and construction</b>                      |                     |                                |                                  |
| 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 Tarom | Steca PA TS10     | spring connector strip         |
| Steca PR 2020 IP   | Steca PA TS20IP10 | twice a 2-pole luster terminal |
| Steca Tarom 4545, Steca Tarom 4545-48  | Steca PA TS-S     | connector block                |
| Steca Tarom MPPT 6000-S, Steca Tarom MPPT 6000-M   | Steca PA TS-S     | 2-pole connector               |