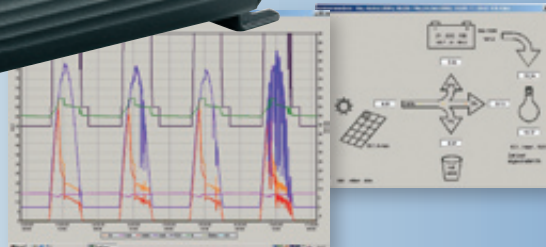
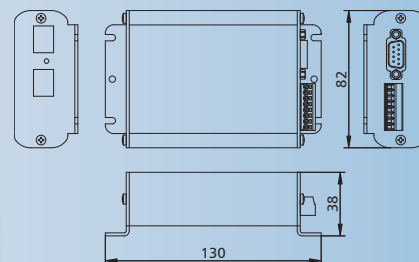




Tarcom Software included.



Accessories



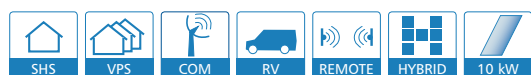
Steca PA Tarcom

Data Logger

Steca's data logger PA Tarcom is connected to the RJ45 data loop of the Tarcom or Power Tarcom charge controller or via the PA HS200 shunt. It is available in different versions as a simple RS232 serial interface (PA Tarcom 01) to log and read out data directly to a PC or laptop, as a data logger connected with integrated analogue modem (PA Tarcom RM), as a data logger with an optional telephone link for phone calls (PA Tarcom RMT) and as a datalogger with a built in GSM modem for remote monitoring (PA Tarcom GSM). The PA Tarcom data logger is shipped with software.

Certificates

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



Data Logger	PA Tarcom 01 (Serial)	PA Tarcom RM / RMT (Modem)	PA Tarcom GSM
system voltage	12 V / 24 V / 48 V		
operating voltage	8 V - 65 V		
logger capacity	1 Mbit = 2 min. (11 days) → 4:00 h (4 years)		
max. self consumption	< 10 mA		
recorded values	relative time, total charge current, battery current, solar module current, load current, SOC, battery voltage, system status, analogue sensor		
system status information	night, overload, load disconnect, overvoltage, low voltage, over temperature, no module		
data transmission	serial cable RS232	analog modem	gsm modem
configurable analog auxiliary input	0 mV - 150 mV		
alarm output	for all recorded parameters programmable		
weight	150 g		
dimensions l x w x h	130 x 82 x 38 mm		

Technical data at 25 °C / 77 °F

Features

- 4 years maximum storage capacity (1 MByte)
- adjustable logging frequency (2... 256 minutes)
- logs eight different parameters and relative time
- field adjustable setting of eight different alarms
- optional internet services for worldwide access

Interfaces

- two RJ45 cable sockets
- RS232 serial interface
- analogue sensor input 0...150 mV for radiation e. g. wind speed
- potential free alarm contact by opto coupler (50 V, 50 mA)

Software Tarcom

- reads out data from the logger to a PC
- list of data sets can be exported to EXCEL
- data sets are shown as graph (values over time)
- analyzes energy flows (Ah) within a PV hybrid system
- activation and selection of alarms
- configures modem
- sets telephone number to call
- links charge controller to website www.tarcomonline.de
- tells the data logger at what time he has to call

Displays

- one LED
 - connected to charge controller = flashing green LED
 - data transmission = green LED