

Maximum plant size 15 kWp

Optional Powermanagement

Dynamic LCD-Status-Display

Monitor, optimize and manage
the consumption of
self-produced power



| Options | Standard | BT | WiFi | BT/WiFi | PM+ | PM+/WiFi | GPRS | PM+/GPRS | Meter |
|---------|----------|----|------|---------|-----|----------|------|----------|-------|
| | ● | ● | ● | ● | ● | ● | ● | ● | ● |

Solar-Log 300

For small domestic installations

Functions

Solar-Log™ Easy Installation

The inverter detection and the Internet logon start immediately. The installation status is shown on the LCD-Status-Display. The manual configuration of the Solar-Log™ can be performed via the WEB interface. Easy Installation is compatible with the Solar-Log™ WEB “Commercial Edition” and “Classic 2nd Edition”.

Self-consumption

Self-consumption can be measured and displayed as a graph with a power meter. A power meter with slightly less precision is already integrated into the Solar-Log 300 and 1200 Meter models. Only current transformers need to be connected for the measurements.

Connections

Inverters

The Solar-Log 300 can be connected to several SDS-supported inverters from a single manufacturer per interface with a maximum total power of 15 kWp.

Inverter interface

Inverters can be connected via an RS485/422 interface or an Ethernet connection. Additional inverters can be connected with the Bluetooth version.

Solar-Log 300, 1200 and 2000

Common features

Functions

Local monitoring

Local graphical reports via web browser.

LCD-Status-Display

Status display for installation and operations.

Smart Energy

Measurement and presentation of self-consumption control and visualization of individual appliances for the optimization of self-consumption.

Feed-in management

Reduction of feed-in power with a dynamic allowance for self-consumption.

Display Options

Solar-Log™ WEB

The Solar-Log™ WEB “Commercial Edition” online portal expands the monitoring functions of the Solar-Log™ and offers comprehensive reporting options in the form of graphs and tables via the Internet.

Solar-Log™ APP

You can access your data and graphical reports at any time from anywhere in the world with the free Solar-Log™ APP.

Solar-Log™ Dashboard

The Dashboard is a feature of the WEB “Commercial Edition” that displays all important information for a plant such as yields, CO₂ savings and plant performance.

Solarfox® large and external display

A large external display used in combination with the Solar-Log™ can visually present live data from a PV plant. You can also add personalized advertisements. Large external displays can be connected via the RS485 or S₀ interface.

Connections

Inverters

The Solar-Log™ is compatible with inverters from all major manufacturers.

Sensors RS485

The sensors measure solar irradiation, temperature and wind speed. They can even be combined with some inverters on an RS485 bus.

Meter S_0 -In or RS485

The meter can record your consumption data or serve as an inverter and measure the power from incompatible inverters.

RS485 or S_0 -Out

Connect a large external display to gain an additional overview of the data.

Solar-Log 300 USB connection and data export

A USB stick can be connected to manually install new firmwares with new functions or to transfer backups and other data.

Ripple Control Receiver

The signal to reduce active power is generally sent via a Ripple Control Receiver or remote control technology. Up to two Ripple Control Receivers can be connected to the Solar-Log™ PM+, one for power reduction and one for reactive power control.

Additional Functions

Cable cover

With its attractive design the cable cover for the Solar-Log™ offers the best possible mechanical protection for interfaces and cables.

Data security

The data volume from the Solar-Log™ can record for up to 20 years. The micro SD card is used to protect against any loss of data in the event of a power failure.