

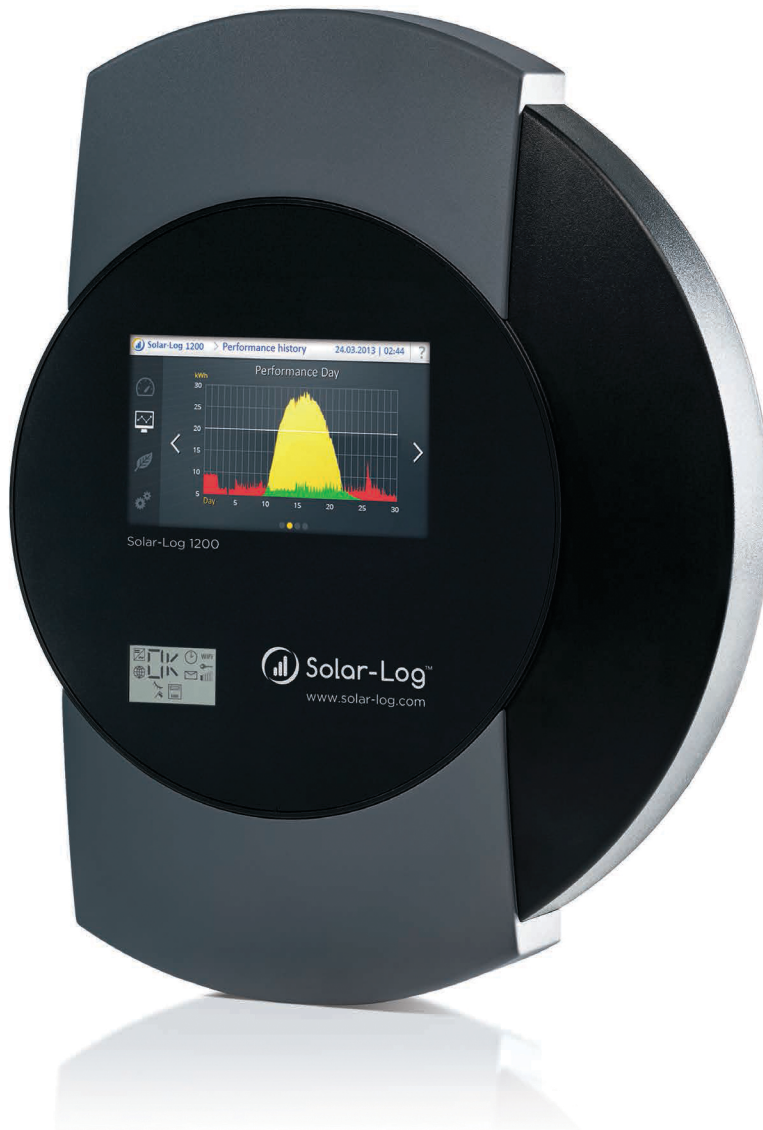


Maximum plant size 100 kWp

Optional Powermanagement

Color TFT-Touch-Display and LCD-Status-Display for displaying graphics and operation

Possible to monitor, optimize and manage the consumption of self-produced power



Options	Standard	PM+	GPRS	PM+/GPRS	Meter
	●	●	●	●	●
Article number	255591	255587	255583	255589	255590



Solar-Log 1200

For small domestic installations and medium-sized plants

Functions

Solar-Log™ Easy Installation

The installation and initial setup is automatic. 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”.

Smart Energy

Self-consumption can be measured and displayed as a graph with an energy meter. Smart Energy logics activate and deactivate individual appliances depending on the amount available energy.

Display Options

TFT-Touch-Display and access to Solar-Log™

The Solar-Log™ can be operated from a computer with a web browser or directly via the device's TFT-Touch-Display. The graphical reports of yield data are visualized on the color TFT-Touch-Display and via the web browser. Remote access is possible with the Solar-Log™ WEB “Commercial Edition”.

Connections

Inverters

A maximum of 100 inverters (just one manufacturer per bus), maximum plant size 100 kWp.

Inverter interface

Inverters can be connected via an RS485/422 and a RS485 interface or an Ethernet connection.



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

Recording 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 presentation and 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 Solar-Log™ 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_o -In or RS485

The meter can record your consumption data or serve as an inverter and measure the power from incompatible inverters. In addition, batteries can be visualized via meters.

RS485 or S_o -Out

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

Solar-Log™ 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.

Ethernet / Speedwire*

The Solar-Log™ models can be connected to compatible inverters with an Ethernet connection. SMA inverters can be connected directly to a regular network infrastructure with SMA's own Speedwire protocol. The SMA inverter only has to be connected to an Ethernet switch or router.

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.