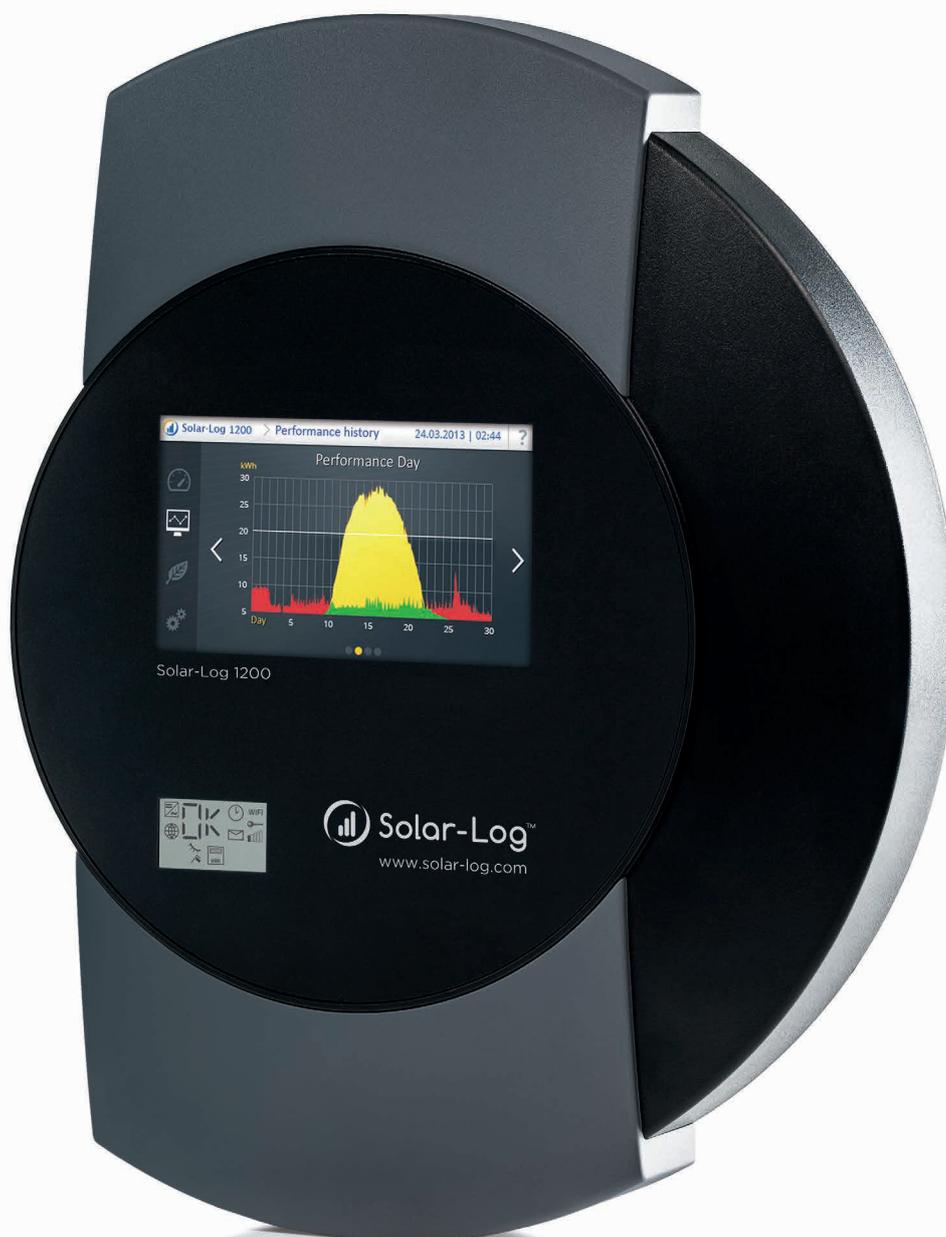Solar-Log™

Maximum plant size 100 kWp

Optional Powermanagement

New: 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

Solar-Log 1200

Solar-Log 1200

For small domestic installations and medium-sized plants

Connections

Inverters

The Solar-Log 1200 is compatible with inverters from all major manufacturers. It can be connected to several of SDS supported inverters from one manufacturer with a maximum total power of 100 kWp per interface.

Interfaces

The Solar-Log™ has an RS485/RS422 and an RS485 interface.

Sensors RS485

The sensors measure irradiation, temperature and wind speed. To avoid any potential capability issues, please check if sensors can be combined with your particular inverter brand.

Meter S_0 in or RS485

The meter can record your consumption data, 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.

Ripple Control Receiver

The signal to reduce active power is generally sent via a Ripple Control Receiver. Up to two Ripple Control Receivers can be connected to the 1200 PM+, one for power reduction and one for reactive power control.

Solar-Log 1200 USB Connection and Data Export

A USB stick can be connected to manually install new firmwares with additional inverter support or new functions, or to transfer quick and secure backups and other data.

Display Options

TFT-Touch-Display

You can operate Solar-Log™ directly from the device and display graphical yield reports on the high-quality Color TFT-Touch-Display.

Solar-Log™ WEB

The Solar-Log™ WEB "Commercial Edition" online portal expands the monitoring function 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 Solar-Log™ APP.

Solar-Log™ Dashboard

The Dashboard is an extra feature of using the Solar-Log™ with the WEB "Commercial Edition" to display all important information for a plant such as yields, CO_2 savings and plant performance.

Accessing the Solar-Log™

The Solar-Log™ is operated from a PC with any standard web browser and via the TFT-Touch-Display. Remote access is possible with the WEB "Commercial Edition".

Solarfox® large and external display

A large external display used in combination with the Solar-Log™ can visually present the live data from a PV plant. You can also add personalized advertisements. Large external displays can be connected via the RS485 or S_0 interface.

Functions

Solar-Log™ Easy Installation

The installation and initial setup is automatic. The inverter detection and the Internet log-on starts immediately. The installation status is shown on the LCD-Display. Any subsequent manual configurations of the Solar-Log™ can be performed conveniently from a PC via the WEB interface. Easy Installation is compatible with the Solar-Log™ WEB "Commercial Edition" and "Classic 2nd Edition."

Self-consumption

The Solar-Log™ is available in two models, with and without an integrated power meter. The Solar-Log™ requires an external digital power meter to measure and display self-consumption as a graph. The power meter is already integrated into the new Solar-Log 300 Meter and Solar-Log 1200 Meter models and provides the same functions as an external meter as an external meter, only with slightly less precision.

The generated output and the consumption of the PV plant are
displayed in the "Balance" section.

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 be recorded 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.

Options	BT	WiFi	BT WiFi	PM+	PM+ WiFi	GPRS	PM+ GPRS	Meter
	●	●	●	●	●	●	●	●