

Maximum plant size 15 kWp

Optional Powermanagement

Dynamic LCD-Status-Display

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



Options	Standard	PM+	GPRS	PM+/GPRS	Meter
	●	●	●	●	●
Article number	255574	255579	255575	255581	255582

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 Enerest™.

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 of available energy.

Connections

Inverters

A maximum of 100 inverters, just one manufacturer per bus, maximum plant size 15 kWp.

Inverter interface

Inverters can be connected via an RS485/422 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 Enerest™

The Solar-Log WEB Enerest™ XL 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.

The new app for - Solar-Log WEB Enerest™

With its completely revised operating concept and modern design, the new app offers many new interactive features and graphics. The app is available for free from the app store.

Solar-Log™ Dashboard

The Dashboard is a feature of the WEB Enerest L and XL 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 S₀-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 S₀-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.