![Solar-Log logo]

Maximum plant size 100 kWp*

Optional Powermanagement

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

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

Solar-Log 1200

Options	Standard	PM+
	●	●
Article number	255591	255587

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 registration 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 Solar-Log WEB Enerest™ meaning that the Solar-Log™ will automatically connect to the portal.

Smart Energy

Self-consumption can be measured and displayed as a graph with an energy meter. Smart Energy logiacs 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.

Connections

Inverters

Just one manufacturer per bus, maximum plant size 100 kWp*.

Inverter Interface

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

Licenses

Detailed information on expansion license to 250 kWp*, FTP license as well as the advanced options of the Solar-Log™ are described on page 100 and 101 in our portfolio.

Solar-Log 300, 1200, 1900 and 2000

Common Features

Functions

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™ online portal expands the presentation and monitoring functions of the Solar-Log™ and offers comprehensive reporting options in the form of graphs and tables.

The App for Solar-Log WEB Enerest™

This app offers users comfort and security with its structured operating concept, intuitive controls, modern features and interactive graphics. The app is available for free from the app store.

Solar-Log™ Dashboard

The Dashboard is a feature of the Solar-Log WEB Enerest™ L and XL that displays all important information for a plant such as yields, CO_2 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 S_0 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. In addition, batteries can be visualized via meters.

RS485 or S_0-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 for safe and quick manual installations of new firmware updates, configurations, and backups. The backup and configuration can be exported as a file via USB.

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

Protection for the Interfaces and Cables

The cable cover for the Solar-Log™ offers the best possible mechanical protection for interfaces and cables as well as an attractive design.

Data Security

The data volume from the Solar-Log™ can be recorded. The micro SD card is used to protect against any loss of data in the event of a power failure.

*In many countries, the designation "Speedwire" is a registered trademark of SMA Solar Technology AG.