



ZERO

EXPORT

DEVICE

SOLAR MONITORING DEVICE



SOLAR - LOG 50

FUNCTIONS

- Power reduction to x % and Software Licenses
The basic version of the Gateway comes with the active power reduction to x % option and additional add-on functions can be enabled by purchasing software licenses from the license portal (license.solar-log.com). To enable this, the Solar-Log 50 has to be connected to the Internet.

DISPLAY OPTIONS

- Solar-Log WEB Enerest™
The new Solar-Log 50 acts as a Gateway between the PV plant and the Solar-Log WEB Enerest™ portal.
- The App for End-Customers - Solar-Log WEB Enerest™ Portal.
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.

CONNECTIONS

- Inverters
The Gateway Solar-Log 50 is compatible with inverters from all the major manufacturers.
- 2 x RS485 or 1 x RS422
To connect components.
- Solar-Log™ USB Connection and Data Export
A USB stick can be connected for safe and quick manual installations of new firmware up-dates, configurations, and backups. The backup and configuration can be exported as a file via USB.
- Ethernet
The Gateway Solar-Log 50 can be connected directly to compatible inverters via Ethernet.

Small and compact design for DIN rail mounting

Gateway for quick installation

For residential segment

Data transfer to the Solar-Log WEB Enerest™



ZERO EXPORT DEVICE



TECHNICAL DATA	SOLAR-LOG 50
Basic Functions	
Inverter : Monitoring and power reduction to x %	Ethernet, 1 X RS485 /RS422 , 2
Battery storage: Monitoring	Ethernet, 1 X RS485 /RS422 , 2
Meter	RS485, 1
Maximum number of components	5
Maximum plant size	15 kWp
Recommended cable length	30 m
Expandable Licenses	
Solar-Log 50 Opening License for the expansion up to 10 components	From 5 to maximum 10
Solar-Log 50 Opening License for the plant expansion up to 30 kWp	From 15 kWp to maximum 30 kWp
Interfaces	
RS485/RS422	2 x RS485 or 1 x RS422
Ethernet	Yes
USB connection	Yes
General Data	
Power supply voltage and device voltage	24V
Connection to Solar-Log WEB Enerest™ (Internet connection required)	Yes
Multi-lingual (DE, EN, ES, FR, IT, CN)	Yes
Dimensions (w x h x d) in mm	53.6 x 89.7 x 35.5
Warranty	2 Years

SOLAR MONITORING DEVICE

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

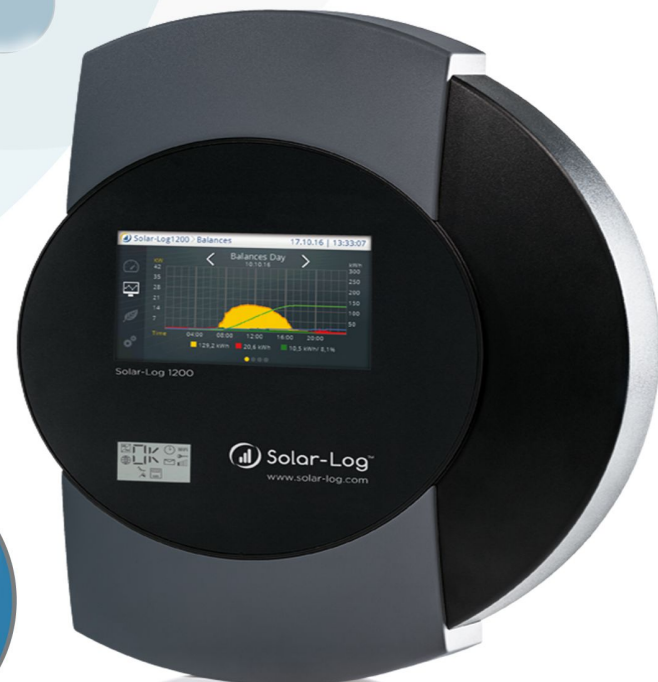
- Self-consumption can be measured and displayed as a graph with an energy meter.
- Smart Energy logics activate and deactivate individual appliances depending on the amount available energy.

Optional
Powermanagement

Maximum plant size
100 kW_p*

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

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



SOLAR MONITORING DEVICE



SOLAR - LOG 1200

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 95 and 96 in our portfolio.

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 colour TFT-Touch-Display and via the web browser.



ZERO EXPORT DEVICE



TECHNICAL DATA	SOLAR-LOG I200
Basic Functions	
Inverter : Monitoring and power reduction to x %	Ethernet, 1 X RS485 /RS422 , 2
Battery storage: Monitoring	Ethernet, 1 X RS485 /RS422 , 2
Meter	RS485, 1
Maximum number of components	5
Maximum plant size	250 KWp
Recommended cable length	100 m
Expandable Licenses	
Solar-Log 50 Opening License for the expansion up to 10 components	From 30 to maximum 250
Solar-Log 50 Opening License for the plant expansion up to 30 kWp	From 30 to maximum 250
Interfaces	
RS485/RS422	2 x RS485 or 1 x RS422
Ethernet	Yes
USB connection	Yes
General Data	
Power supply voltage and device voltage	24V
Connection to Solar-Log WEB Enerest™ (Internet connection required)	yes
Multi-lingual (DE, EN, ES, FR, IT, CN)	yes
Dimensions (w x h x d) in mm	22.5 x 28.5 x 4
Warranty	2 Years



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