

# WEB'LOG RESIDENTIAL

Item No.: 421.177



## DESCRIPTION OF FUNCTIONS

The compact, low-cost monitoring and control unit is suitable for PV systems in the 1 to 15kWp power class and up to three inverters. The data logger in particular scores points with its easy configuration and system start-up. By recording the alarm statuses of the inverters connected, faults of the system can be alerted using the integrated status LEDs. Audible alarms are also possible. For analysis and configuration, the fault memory can be read from a PC connected directly via USB. Connecting the data logger to the Internet via Ethernet allows the operating data to be visualized and monitored regardless of location using the safer'Sun Public internet portal.

With four digital inputs and a Power Control function, the WEB'log Residential meets the grid feed-in management requirements set out in the EEG (German Renewable Energy Law). This allows the connection of a ripple control receiver in order to avoid yield losses through a blanket 70% reduction.

## AMBIENT TEMPERATURE

Operation:	0°C to 55°C
Storage and transportation:	-20°C to 65°C
Protection class:	IP 21

## TECHNICAL DATA

Power supply:	DC: 24 V
Power consumption:	typically 1 W, max. 9.2 W
Bus termination:	integrated (cannot be switched off)

## DISPLAY / OPERATION

- 8x LED display
- 2 x operating button
- 1 x reset button
- 1 x Power Control switch

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### INTERFACES

Network:	Ethernet connection (10/100MBit)
Communication:	1 x RS485/RS422 2 x RS232 2 x impulse inputs pursuant to DIN 43864 (S0), prepared at hardware end, software for querying S0 counters currently not available.
Configuration:	4 x digital inputs for ripple control receiver Micro USB for connection to the PC

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### MECHANICAL DATA

Size:	152 x 107 x 37 mm (WxHxD)
Installation:	Wall installation
Weight:	203 g

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### FUNCTIONS

System production recording  
Meets current grid feed-in management guidelines to avoid the blanket 70% reduction  
Visual and audible fault alarms  
Can also be used locally without an Internet connection  
Graphical evaluation in the safer'Sun Public portal  
Detailed operational management optionally possible via the safer'Sun Professional portal

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### SAFER'SUN PUBLIC

Modern, appealing presentation of yield and environment information  
Performance evaluation for fast yield check  
Integration into public websites and social networks possible  
Customisable display

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