

Product comparison

	Solar-Log ²⁰⁰	Solar-Log ⁵⁰⁰	Solar-Log ¹⁰⁰⁰
Inverter communication / inverter = WR			
Bluetooth (BT) ⁽²⁾	•	•	•
WiFi (wireless LAN) ⁽²⁾	• NEW	• NEW	• NEW
Bluetooth (BT) / WiFi ⁽²⁾	• NEW	• NEW	• NEW
Powermanagement (PM+) ⁽²⁾	–	–	•
GPRS ⁽²⁾	–	–	• NEW
Powermanagement (PM+) / GPRS ⁽²⁾	–	–	• NEW
Central inverter SCB ⁽²⁾	–	–	•
max. number of inverters	1	up to 10	up to 100
Communication interface	1 x RS485 / RS422	1 x RS485 / RS422	1 x RS485, 1 x RS485 / RS422
recommended max. plant size	15 kWp	50 kWp	1 MWp
max. cable length	max. 1000 m ¹⁾	max. 1000 m ¹⁾	max. 1000 m ¹⁾
Plant monitoring			
String monitoring (depending on type of inverter)	•	•	•
Inverter failure, status of fault and power monitoring	•	•	•
Connection of sensors (temp./wind)	•	•	•
Connection of digital current meters	•	•	•
E-mail and SMS alarm	•	•	•
Local alarm (pot.-free contact)	–	–	•
Yield forecast and degradation calculation	•	•	•
EEG "own power consumption" Digital current meters (RS485)	•	•	•
EEG "own power consumption" Control of ext. consumers	–	–	•
Visualisation			
Integrated web servers	•	•	•
Graphic visualisation - PC local and internet	•	•	•
Graphic visualisation - USB pen drive	–	–	•
LED - status display	•	•	•
Display on device	–	2-line text display	full-graphic display
Operation on device	–	keypad entry	via touch screen
Large display RS485/Sj impulse	–	•	•
Interfaces			
Ethernet network	•	•	•
USB pen drive	–	–	•
Modem, analogue / GPRS(GSM) / DSL	–	–	•
Potential-free contact (relay)	–	–	•
Alarm contact (anti-theft)	–	–	•
General data			
Network voltage / device voltage / current consumption	115 V – 230 V / 12 V / 3 W		
Ambient temperature	-10°C to +50°C		
Housing/dimensions (WxDxH) in cm/Assembly/Protection level	Plastic / 22,5 x 4 x 28,5 /Wall-mounted / IP 20 (only for interior use)		
Connection to Solar-Log™ WEB	•	•	•
Multi-lingual (DE, EN, ES, FR, IT, NL)	•	•	•
Memory, Micro-SD, 2 GB, Endless-loop data recording	•	•	•
Warranty cover	5 years		

¹⁾ Depending on the inverter used, and the cable length. (details can also vary from one type of device to another)

²⁾ Other important information about Bluetooth and compatibility, power management, „own power“ consumption and SCB central inverters can be found on our website.