

## Product comparison

	Solar-Log <sup>200</sup>	Solar-Log <sup>500</sup>	Solar-Log <sup>1000</sup>
<b>Inverter communication / inverter = WR</b>			
PM+ <sup>(2)</sup>	• <b>NEW</b>	• <b>NEW</b>	•
PM+ / WiFi <sup>(2)</sup>	• <b>NEW</b>	• <b>NEW</b>	•
PM+ / GPRS <sup>(2)</sup>	• <b>NEW</b>	–	•
Bluetooth (BT) <sup>(2)</sup>	•	•	•
WiFi (wireless LAN) <sup>(2)</sup>	•	•	•
Bluetooth (BT) / WiFi <sup>(2)</sup>	•	•	•
GPRS <sup>(2)</sup>	• <b>NEW</b>	–	•
Central inverter SCB and SMB <sup>2)</sup>	–	–	•
max. number of inverters (depending on inverter manufacturer)	<b>1/1 manufacturer</b>	<b>up to 10/1 manufacturer</b>	<b>up to 100</b>
Communication interface	<b>1 x RS485 / RS422</b>	<b>1 x RS485 / RS422</b>	<b>1 x RS485, 1 x RS485 / RS422 / 1 x CAN</b>
recommended max. plant size	<b>15 kWp</b>	<b>50 kWp</b>	<b>1 MWp</b>
max. cable length	<b>max. 1000 m<sup>1)</sup></b>	<b>max. 1000 m<sup>1)</sup></b>	<b>max. 1000 m<sup>1)</sup></b>
<b>Plant monitoring</b>			
String monitoring (depending on type of inverter / on tracking level)	•	•	•
Inverter failure, status of fault and power monitoring	•	•	•
Connection of sensors (temp. / wind)	• <sup>3)</sup>	• <sup>3)</sup>	•
E-mail and SMS alarm	•	•	•
Local alarm (pot.-free contact)	–	–	•
Yield forecast and degradation calculation	•	•	•
EEG "own power consumption": Digital current meters	•	•	•
EEG "own power consumption": Control of ext. consumers	–	–	•
<b>Visualisation</b>			
Integrated web servers	•	•	•
Graphic visualisation – PC local and internet	•	•	•
Graphic visualisation – USB flash drive	–	–	•
LED – status display	•	•	•
Display on device	–	<b>2-line text display</b>	<b>full-graphic display</b>
Operation on device	–	<b>keypad entry</b>	<b>via touch screen</b>
Large display RS485 / S <sub>0</sub> impulse	–	•	•
<b>Interfaces</b>			
Ethernet network	•	•	•
USB flash drive	–	–	•
Modem, analogue / GPRS(GSM) / DSL	–	–	•
Potential-free contact (relay)	–	–	•
Alarm contact (anti-theft)	–	–	•
<b>General data</b>			
Network voltage / device voltage / current consumption	<b>115 V – 230 V / 12 V / 3 W</b>		
Ambient temperature	<b>-10 °C bis +50 °C</b>		
Housing / dimensions (W x D x H) in cm / Assembly / Protection level	<b>Plastic / 22,5 x 4 x 28,5 / Wall-mounted / IP 20 (only for interior use)</b>		
Connection to Solar-Log™ WEB	•	•	•
Multi-lingual (DE, EN, ES, FR, IT, NL, DK)	•	•	•
Memory, Micro-SD, 2 GB, Endless-loop data recording	•	•	•
Warranty cover age	<b>5 years</b>		

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

<sup>2)</sup> Other important information about Bluetooth and compatibility, Powermanagement, „own power“ consumption, SCB and SMB central inverters can be found on our website [www.solar-log.com](http://www.solar-log.com).

<sup>3)</sup> Using with a RS422 inverter on the same bus is not possible.