SOLAR-LOG 600, 1200, 3000

Solar-Log, your profesional monitoring system for your photovoltaic installation.

Solar-Log 1200

Sistema de Monitorización y Rele de Vertido 0, SolarLog 300

Solar-Log 2000

Sistema de Monitorización SolarLog

Sistema de Monitorización SolarLog

The low cost failure and yield ***monitoring system*** for plants with a maximum ***photovoltaic power*** of 15 kWp. Includes alarm function and graphic evaluation on PC.

Plants size

The Solar-Log 300 can be installed in plants with a maximum total power of 15 kWp, regardless of the number of inverters. Therefore, this new model can monitor smaller plants with two or three inverters of the same manufacturers without any problems. You can find a list with compatible inverters into the next: Solar-Log, compatible inverters

Using self-produced power

The Solar-Log 300 is available in the Solar-Log 300 meters version, which has an integrated electricity meter. This saves a considerable amount of installation time and costs.

The Solar-Log™ Meter can monitor up to 2 individual or coupled three-phrase cables. Additional external electricity meters can be connected to the two S0 inputs. Small appliances such as freezers and laundry dryers can be monitored and controlled via a networked "smart plug", a device that fits on top of existing electrical outlets. The smart plugs measure the power consumption of the device connected to the socket and send this data to the Solar-Log™. As a result, every individual smart plug can be displayed in the graphic with the total consumption.

Feed-in management

Of course, power management has been taken into account with all of the new models. The intelligent management of the 70% regulation is rather attractive for small plants. The Solar-Log can help to further optimize the share of self-produced power. There is also an option to buy the Solar-Log 300 with the well-established Power Management function (PM+) for the connection to a ripple control receiver.

Solar-Log Warranty

New Solar-Log™ warranty period. The changes go into effect on June 01, 2015 and exclude any accessories articles.

Solar-Log will continue to provide the warranty period of 24 months to customers for all Solar-Log 300, 1200 and 2000 devices. The warranty can be easily extended by additional 36 months, bringing the total period to 60 months, in two quick steps on Solar-Log website.

The Solar-Log™ has to be registered on the website by the plant owner within four weeks of the purchase date (www.solar-log.com). The guarantee and supplement service period are valid from the purchase date of the Solar-Log™.

If you have any questions about the new warranty process, Bornay will be more than happy to assist you.

SPECIFICATIONS

An overview of the equipment components and scope of services:

Basis functions	Solar-Log 300	Solar-Log 1200	Solar-Log 2000
Standard	+	+	+
Powermanagement (PM+) [2]	+	+	+
PM+/WiFi [2]	+	+	-
PM+/GPRS [2]	+	+	+ [4]
Bluetooth (BT) [2]	+	+ [5]	-
WiFi (WirelessLan) [2]	+	+	-
BT / WiFi [2]	+	+	-
GPRS [2]	+	+	+
Solar-Log ™ Contador (CT)	+	+	-
Central Inverter SCB y SMB	-	-	+

Inverter connection options	1 x RS485 / RS422 (1 inverter manufacturer per bus)		1 x RS485 / RS422, 1 x CAN (1 inverter manufacturer per bus)
Max. plant size	15 kWp	100 kWp / max. 100 inv.	2000 kWp / max. 100 inv.
Max. cable lenght	max. 1000 m (1	max. 1000 m (1	max. 1000 m (1
Plant monitoring	**Solar-Log 300**	**Solar-Log 1200**	**Solar-Log 2000**
String monitoring / MPP-Tracker (depending on type of Inverter)	+	+	+
Monitoring of central inverters	-	-	+
SCB and SMB connections	-	-	+
Inverter failure, status of fault and power monitoring	+	+	+
Sensor system connection (irradiation / temp. / wind)	+ (3	+ (3	+ (3
E-mail and text message (SMS) alert	+	+	+
Alarm (local)	-	-	+
Yield forecast	-	-	-
Self-produced energy consumption: Digital electricity meters	+	+	+
Self-produced energy consumption: Managing external appliances	+	+	+
Visualisation	**Solar-Log 300**	**Solar-Log 1200**	**Solar-Log 2000**
Integrated web servers	+	+	+
Graphic visualization – PC local and internet	+	+	+
LCD-Status-Display	+	+	+
Display on the unit	-	4.3" TFT color display	
Controls on the unit	-	Via touch display	
Large external display RS485 / S0 Impuls	+	+	+
HTTP data Transfer to Solar-log™ WEB for low data volumes	+	+	+
FTP data Transfer to third-party Portals (6	+	+	+
General data	**Solar-Log 300**	**Solar-Log 1200**	**Solar-Log 2000**
Power supply voltage / device voltage / current consumption	115 V - 230 V / 12 V / 3 W	115 V - 230 V / 12 V / 3 W	115 V - 230 V / 12 V / 3 W
Ambient temperature	-10 °C a 50 °C	-10 °C a 50 °C	-10 °C a 50 °C
Housing	Plastic	Plastic	Plastic
Dimensions (W x H x D) in cm	22,5 x 4 x 28,5	22,5 x 4 x 28,5	22,5 x 4 x 28,5
Mounting	Wall-mounted	Wall-mounted	Wall-mounted
Protection level	IP 20 (indoor use only)	IP 20 (indoor use only)	IP 20 (indoor use only)
Connection to Solar-Log™ WEB "Commercial Edition"	+	+	+
Lenguages	DE, EN, ES, FR, IT, NL, DK		
Memory, Micro-SD, 2 GB endless data logging	+	+	+
Warranty	5 years	5 years	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, Powermanagement, self-consumption and SCB and SMB inverters can be found on Solar-Log website

3) Using every inverter on the same bus is not always possible, please see the inverter database WR-Database

4) Solar-Log 2000 PM+ / GPRS Communication Interface 1 x RS485, 1 x RS485/RS422 (1 inv. manufacturer per bus)

5) Bluetooth Connection Options only available with Bluetooth models.

6) It is possible to make a data transfer to third-party portals once per day via FTP - an additional license is required for more frequent transfers.

DOWNLOADS

CATÁLOGO GENERAL 2020

Catalogo-Bornay-0520.pdf Size: 21.51 MiB