

# MaxWeb xp

Internet-compatible data logger



 **SWISS QUALITY**

The data logger MaxWeb xp forms the node of the location-independent monitoring of a photovoltaic system. It records current measured values, yield data, and events and transmits these to our MaxWeb Portal.

Together with the MaxWeb Portal, MaxWeb xp is an ideal team. Using your personal user account, you can access the transmitted system data at any time, in fact from any PC that is connected to the internet. Using the MaxWeb Portal is cost-free.

#### **Automatic alarm**

MaxWeb xp permanently monitors all connected devices. If anything goes wrong regarding your PV system, there will be an automatic alarm via email or SMS to up to three recipients.

#### **System access**

MaxWeb xp has a web server facilitating a direct connection to your PV system via web browser. MaxWeb xp is operated completely using a web browser, you do not need any additional software on the PC and are independent of the used operating system. The web interface provides for an online view of the devices and system data. Furthermore, all important settings on the inverters and other connected devices can be implemented.

#### **Grid management**

With the charged option MaxRemote, MaxWeb xp supports the grid management required in EEC 2009 and the BDEW Medium Voltage Grid Guidelines (only Germany) to reduce the output of PV systems over 100 kW or with grid connection to the medium-voltage grid.

# Technical data

		MaxWeb xp
<b>Equipment</b>	Installation	Wall, 35mm top-hat rail
	Integrated memory	250MB flash memory
	Power supply	Wall plug transformer 230 VAC / 15 VDC
	User interface	Web browser with JavaScript
<b>Ambient conditions</b>	Protection class	IP20
	Ambient temperature range	-20 °C...+40 °C
<b>Functions</b>	Languages	German, English, French, Italian, Spanish
	Data logger	Energy values, time values, events
	Alarm	multi-level, via email and/or SMS
<b>Interfaces</b>	Communication interfaces	GPRS or Ethernet
	I/Os	2 x analogue, 2 x digital in, 2 x digital out 6 x digital in for MaxRemote option
<b>Weight &amp; dimensions</b>	Weight without accessories	450g
	Dimensions in mm (WxDxH)	177 x 102 x 52

## Setup

A comfortable setup wizard supports you when configuring MaxWeb xp and will guide you through commissioning step-by-step.

MaxWeb xp is available in the Ethernet and GPRS variants. For the Ethernet option, communication with the portal is implemented via Ethernet/DSL, and for the GPRS version via the mobile phone network.

## Features

- System communication via web browser
- Data logger with automatic data transmission to MaxWeb portal and email recipient as XML file
- Permanent system monitoring
- Automatic alarm transmission via email or SMS to up to three recipients
- Automatic energy comparison from 2 inverters
- Several user levels
- Several languages (de, en, fr, it, es)
- Communication via GPRS or Ethernet
- Up to 100 devices can be connected via RS-485 bus
- Actuation of large-scale displays and MaxVisio
- Compatible with all SolarMax devices with MaxComm interface
- Automatic software updates
- Setup wizard for simple commissioning
- Display of the GPRS signal magnitude
- Safe communication via VPN

