

## INVERTER – COMMUNICATION SYSTEMS

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# Sunny WebBox

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### PRODUCT ADVANTAGES:

Continuous monitoring of your solar power system

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Early detection of operational faults

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Recording of energy yields

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Data storage for analysis using e. g. Microsoft Excel

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Diagnostics and system configuration using any PC:  
Windows, Linux & Mac OS

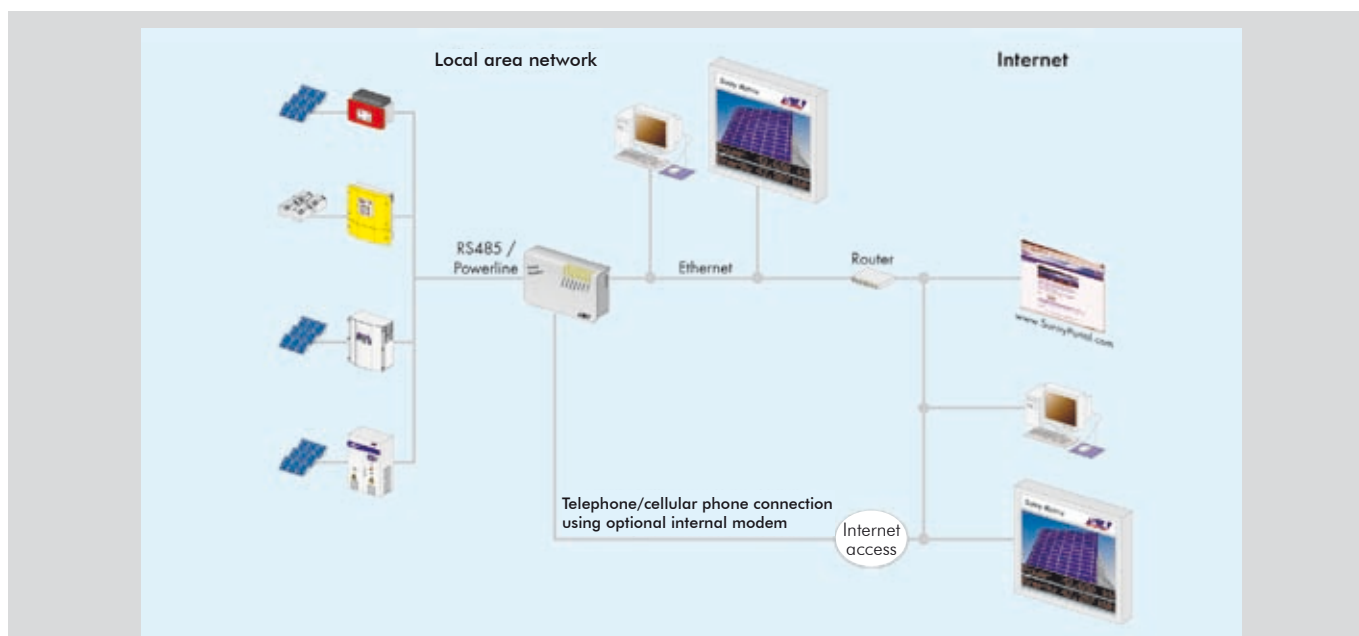
Automatic data transfer to Sunny Portal in selectable intervals

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Data preparation at no charge and graphic presentation  
in the Internet

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Compatible with all SMA inverters



Schematic diagram of Sunny WebBox

## TECHNICAL DATA

### Sunny WebBox

#### Interfaces

Inverter communication

RS 485 (up to 50 inverters, max. 1.200 m cable)

Powerline (up to 50 inverters, max. 1.000 m cable)

Modem

Internal analog modem (optional)

GSM modem (optional)

Ethernet

Ethernet / Fast Ethernet connection

Connection to home network, Sunny Matrix and Sunny Portal

#### Memory expansion

SD-Card

Up to 2 GB (optional)

#### Dimensions

Width	mm	225
Height	mm	130
Depth	mm	57
Weight	g	750

#### Power supply

Plug-in power unit	V	115–230
	Hz	50/60
Power consumption	W	Type. 4
	W	max. 12

#### Environmental conditions during operation

Ambient temperature	°C	–20 to +55
Relative humidity	%	5 to 95, non-condensing

#### General data

Status display	Integrated LEDs
Applicability	Wall mounting, tabletop device

#### Product

Sunny WebBox incl. Ethernet-interface

#### Article numbers

SMA COM:RS 232	34001SWB232
SMA COM:RS 485	34001SWB485
SMA COM:Powerline	34001SWBPL
AUX COM:Modem analog	34001SWBAN
AUX COM:Modem GSM	34001SWBANGSM
128 MB SD card	34001SWBSD128
512 MB SD card	34001SWBSD512
128 MB USB stick	34001SWBUSB128

Electrical specifications and standard test conditions: 1000 W/m<sup>2</sup>; 25 °C; AM 1.5. Subject to technical changes for further improvements.