

SUNNY WEBBOX

- > System access from any Web browser - anywhere in the world
- > Recording of daily, monthly and annual energy yield via Sunny Portal
- > Remote plant diagnosis
- > Remote system configuration
- > Automatic data transfer at chosen intervals
- > Data storage and display via Ethernet
- > Compatible with all SMA utility interactive inverters
- > Low power consumption
- > Automated communication with Sunny Portal



SUNNY WEBBOX

Web-enabled data logging and control

The Sunny WebBox from SMA is a powerful communications tool that allows the performance data of your solar power system to be logged and easily transmitted via modem or Ethernet to the internet or directly to your PC. It can also send the data to SMA's internet portal (Sunny Portal), which provides free long-term data storage and graphical display of your system's performance data. Collected information is stored in common file formats so that it can be used in various spreadsheets, graphs or your own web site. The Sunny WebBox is extremely versatile, making the storage, transmission, management and display of your system data easier than ever before.



SUNNY WEBBOX

The new way to monitor your system

A new standard in communication

The Sunny WebBox provides complete system monitoring, remote diagnosis, data storage and display at an affordable price. It features an integrated HTTP web interface that allows you to access system information via a PC, regardless of operating system or browser type.

The Sunny WebBox is the link between a Sunny Boy PV system and its owner. It combines computing power, storage capacity, and versatile communication interfaces in a compact enclosure.

Networked with the Sunny Portal, the data-logger offers up-to-date display and control options on the internet. The Sunny WebBox supports RS232 or RS485 protocols for data transfer to and from all SMA utility interactive inverters.

Data transfer and system configuration via the internet is handled either by Ethernet connection or telephone modem. Data transfer is automatic - all you have to do is to set the desired intervals. A single Sunny WebBox can monitor up to 50 Sunny Boy inverters, saving even more costs when used in larger Sunny Boy solar systems.



Integrated web server for **remote online access** to all current data from any PC

Integrated FTP server for data storage and download to a PC



View daily and archived performance data graphically on **Sunny Portal**

Easily view data in analysis programs



Memory expansion and data transmission to a PC using a removable SD card

Free FlashView software for animated, real-time graphical display of performance data



Around the clock, around the world

Check the status of your PV system from your home, your office or anywhere you may be. A PC with an internet browser is all that is needed to access the Sunny WebBox.

The Sunny WebBox is equipped with its own web server that is preconfigured to work with your internet browser. This allows you to view the output of your system and the operating channels of each inverter. You can also adjust the parameters of the Sunny WebBox via your web browser.

The Sunny WebBox can also be used in combination with SMA's Sunny Portal web site, www.SunnyPortal.com. Our internet portal offers free graphical presentation of your system performance data in charts and diagrams. The Sunny Portal is Sunny WebBox ready: simply set up an account and connect the Sunny WebBox to the internet.

A perfect match

Sunny WebBox and Sunny Portal are a perfectly matched team. They offer you long-term storage of your solar power system's performance data, inform you

about changes in system performance, and let you review the performance of your investment at any time, from anywhere. To learn more about this new method of system monitoring visit www.SunnyPortal.com. We have set up demonstration accounts that allow you to view actual PV systems. Visit www.SunnyPortal.com and see for yourself what the Sunny WebBox and Sunny Portal have to offer.

Technical Data SUNNY WEBBOX

	SUNNY WEBBOX
Inverter Communication	RS485 (up to 50 inverters, max. 4000 ft. cable) Ethernet (only Sunny Central Communication)
Modem for Sunny Portal Interface (optional)	internal analog modem
Ethernet Interface	10 / 100 MB, connection to LAN, Sunny Portal
SD Card Data Storage	up to 2 GB
Status Display	integrated LEDs
Power Supply	115 - 230 V, 50 / 60 Hz
Plug-In Power Consumption	typ. 4 W / max. 12 W
Operating Ambient Temperature	-4 to 131° F
Operating Relative Air Humidity	5% to 95%
Dimensions (W x H x D) in inches	8.85 x 2.25 x 5.11
Weight	1.65 lbs
Installation Options	wall mounting, tabletop device

