

SUNNY BEAM

Wireless Plant Monitoring for SMA Inverters

As the owner of a solar system, you have chosen a future-oriented energy source and a long-term source of income. What you need now is the ability to track the performance of your investment: With the easy-to-operate Sunny Beam you can monitor the status and yield of your SMA inverters at any time from a central location.

The Sunny Beam is easy to use and displays the inverter data in a clear manner. The wireless device with an attractive yet timeless design allows you to put the Sunny Beam anywhere in your house – allowing you to be constantly informed about the PV-plant performance without having to take a single step – whether it be outside or inside.



FEATURES

- » Wireless desktop device no cables required
- » Radio communication with the inverters.
- » Power supply via integrated solar cell
- » Large easy to read LCD display

Display:

- » Current power
- » Monthly yield progress
- » Yield progress of the current month
- » USB interface for data transmission to a PC and charging of the batteries
- » Easy, intuitive operation
- » Wall-mounting bracket included

Wireless

The Sunny Beam communicates with the SMA inverters in your system effortlessly through a wireless link. Each Sunny Beam can communicate with up to four SMA inverters. Sunny Beam is powered by an integrated solar cell. A battery guarantees that the system data will be displayed without fail – even on days with little sunshine. This means you can position the Sunny Beam anywhere in your house and have it close by at all time to keep your- Wireless communication with the inverters Power supply via solar cell and batteries USB port for data transfer to the PC and charging of the batteries Large easy to read LCD screen Compact and lightweight Size: 127 x 75 x 195 mm Weight: approx. 350 g Easy to use, intuitive operation with a single button self informed about the system performance. No power cable, no connection cables. Sunny Beam is a convenient independent unit that completely eliminates unsightly wiring from your home. As well as its real-time display, Sunny Beam can also store yield data from the last 30 days. The integrated USB interface is used to read the saved data of the entire system and to archive it on the PC by using the Sunny Data Control software included in the delivery.

BEAUTIFUL SYSTEM MONITORING

Technology and aesthetics

Easy system monitoring and all the important data at a glance: Sunny Beam combines these functions with an appealing design. It can be used anywhere indoors as a tabletop or wall-mounted unit. Its large dualmode display shows a daily graph with the developments of the day, the current power, the total energy yield, the current day's energy yield, and a monthly summary in the form of a bar chart.

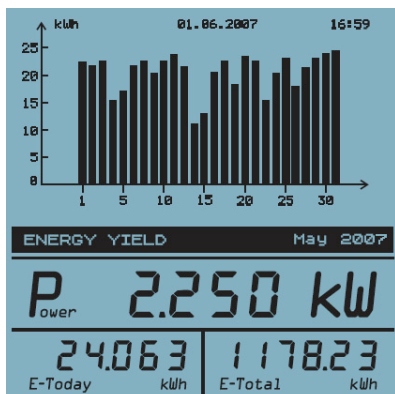
Additional information – for example, the power from individual inverters, the energy yield in euros, or the CO2 emission savings – can be quickly viewed at the touch of a button. Sunny Beam features a rotating push-button control for quick and easy menu navigation.

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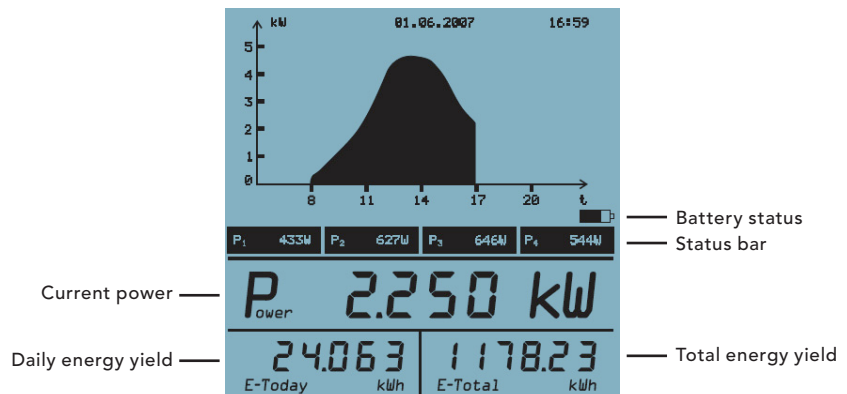
Sunny Beam performs complete system monitoring and shows you how your solar system is performing – anytime and anywhere you want.



Monthly Overview



Daily Progress



Communication	
Frequency band	868 MHz
Range in open air	up to 100 m
Range inside buildings	up to 30 m
Interface	USB 1.1
Display	
LCD	graphic capability (160 x 100 pixels), 1 x 5-digit 7-segment, 2 x 6-digit 7-segment
Operation	rotating push button
Language	Ger. / Engl. / Span. / Fren. / Ital.
Applicability	Wall-mounted or desktop device

Mechanical data	
Dimensions in mm	127 x 75 x 195
Weight	approx. 350 g
User-defined status bar	
information can be displayed:	<ul style="list-style-type: none"> • Power of individual inverters, • Percentage output of your inverters • Inverter device types • Inverter serial numbers, • Yields in a specified currency • CO2 savings