SUNNY BEAM with Bluetooth® Wireless Technology





User-friendly

- Wireless table device with large, easily readable display
- USB interface for data transfer to PC

Innovative

- Automatic monitoring of up to twelve inverters via Bluetooth
 Power supply via integrated solar
 - cell

Easy to use

- Intuitive operation via rotary push button
- Easy to understand display of all key plant data

Reliable

- Audio alarm in the event of faults
- Data archiving for at least 90 days in daily files and up to 12 monthly files in CSV format

SUNNY BEAM with Bluetooth® Wireless Technology

The all-in-one service package for the home

Informative, compact, and easy to operate: Sunny Beam with *Bluetooth* doesn't just look good, it's an innovative monitoring solution. The key data is visible on its large graphic display: daily profile, current output, as well as daily and total energy yield. The performance of up to 12 inverters, the monthly overview, the energy yield in euros, and the CO_2 savings can all be accessed with one hand. Data for a minimum of 90 days is stored in the device and can be transmitted to a PC via a USB cable – without an additional program. And in the event of errors, the Sunny Beam can also be set up to emit an acoustic signal.



SUNNY BEAM WITH BLUETOOTH®

System monitoring can be that simple

Compact and elegant

The Sunny Beam with *Bluetooth* is the best choice for easy monitoring of smaller solar power plants: it can be installed in a few minutes, it is easy to use and it even looks good. The yield data of up to 12 inverters are collected with the innovative SMA *Bluetooth* standard – with a transmission range of up to 100 meters in open air. In the living room or on your desk: the Sunny Beam keeps you well informed about the perfect operation of your PV-system. And the integrated solar cell keeps you independent from any power outlet.

Easy to operate

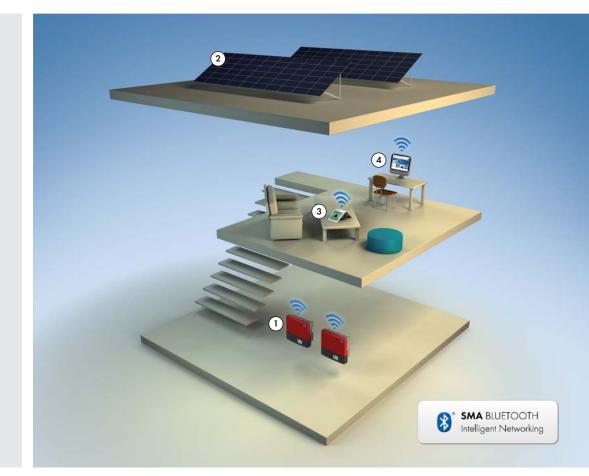
Operating the Sunny Beam with *Bluetooth* is especially easy: the knob lets you scroll through the menu with one hand – fast and effective. The menu structure was improved even further. The large graphic display gives a complete status overview for the operator and shows either daily yield, total yield or the current power of the PV-plant.

Typical system design – wireless transmission

Electricity Generation
SUNNY BOY
Solar generator

System Monitoring

SUNNY BEAM
SUNNY EXPLORER



Data backup at the push of a button

The most important system data of at least 100 days are stored in the device and can be uploaded to a PC via USB interface – no additional software is required. The system independent CSV format allows processing of the data on any PC using Windows, Mac or Linux with common software products.

User-friendly and safe

The acoustic alarm is a new feature of the Sunny Beam with *Bluetooth*: it ensures maximum safety of the yield. The detailed event log informs about type and date of the last 25 events.

Technical data	Sunny Beam with Bluetooth®
Communication	
Inverter communication	Bluetooth
PC-communication	USB 2.0
Max. number of SMA devices	12
Max. communication range	
Bluetooth in the open air	up to 100 m
Power supply	
Power supply	Integrated solar cell, USB cable
Number of batteries	2
Type of battery	ENEKEEP (Mignon AA), NiMH (1.2 Vdc)
Environmental conditions in operation	
Ambient temperature	0 °C +40 °C
Protection rating (as per EN 60529)	IP20
General data	
Dimensions (W / H / D) in mm	127 / 75 / 195 (as desk-top device)
Weight	approx. 350 g (with batteries)
Mounting location	Indoors
Status display	LCD
Software language	German, English, French, Greek, Italian, Dutch, Portuguese, Spanish, Czech
Language versions – manual	German, English, French, Greek, Italian, Dutch, Portuguese, Spanish, Czech
Features	
Display	LCD
Operation	Rotary push button
Warranty	5 years
Certificates and approvals	www.SMA-Solar.com
Information displayed	
General information	Time, date
System data	Current output, daily yield, total yield, specific annual yield, CO ₂ savings, remuneration
Accessories	
USB cable	•
USB plug-in power supply	0
Replacement batteries	0
SMA Bluetooth® Repeater	0



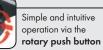
Wireless communication with the inverters via Bluetooth





Acoustic alarm system







Power supply via **solar** cell and battery



Compact and lightweight Dimensions: 127 x 75 x 195 mm



USB interface for data transmission to PC and charging of the batteries