

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 CO₂ 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.

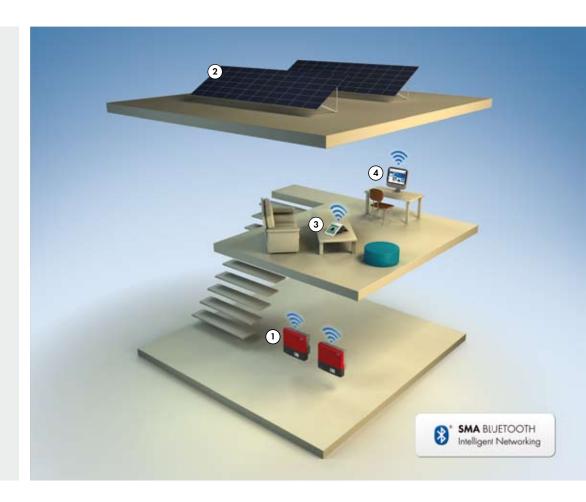
Typical system design – wireless transmission

Electricity Generation

- (1) SUNNY BOY
- (2) Solar generator

System Monitoring

- (3) SUNNY BEAM
- (4) 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.

echnical data	Sunny Beam with Bluetooth®
Communication	
Inverter communication	Bluetooth
PC-communication	USB 2.0
Nax. number of SMA devices	12
ax. communication range	
uetooth in the open air	up to 100 m
ower supply	
lower supply	Integrated solar cell, USB cable
Number of batteries	2
Type of battery	ENEKEEP (Mignon AA), NiMH (1.2 Vdc)
Environmental conditions in operation	
mbient 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	
isplay	LCD
Operation	Rotary push button
Varranty	5 years
Certificates and approvals	www.SMA-Solar.com
nformation displayed	
General information	Time, date
System data	Current output, daily yield, total yield, specific annual yield, CO ₂ savings, remuneration
Accessories	
ISB cable	•
JSB plug-in power supply	0
Replacement batteries	0
SMA Bluetooth® Repeater	0
Standard Features O Optional features – Not available	



Wireless communication with the inverters via Bluetooth



Large, easy to read LC display



Acoustic alarm system



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



Simple and intuitive operation via the rotary push button



Power supply via **solar cell** and battery



Compact and lightweight
Dimensions:
127 x 75 x 195 mm
Weight:
approx. 350 g