Innovative
- Wireless communication with up to 12 inverters via *Bluetooth*
- Power supply via integrated solar cell

Simple
- Fast installation
- Intuitive operation by means of a knob

User-friendly
- Mobile desk top device with large LCD display
- Archiving capacity for a minimum of 100 days' data in device memory
- USB port for data transfer to PC and battery charge

Safe
- Event log for up to 25 messages
- Audio alarm

SUNNY BEAM with *BLUETOOTH*® Wireless Technology

System monitoring at a glance

Informative, compact and easy to operate: the Sunny Beam with *Bluetooth* looks good and is packed with innovative monitoring technology. The large graphic display shows you all the essential data at a glance: daily profile, current output, daily and overall energy yield. But there's more to the Sunny Beam than meets the eye: at the flick of a switch you can retrieve the performance data of up to 12 inverters, a monthly summary, the energy yield in euros or dollars or the saved quantity of CO_2. The data from a minimum of 100 days' performance is stored within the device and can be uploaded to a PC via USB interface – no additional software is required. And in case of plant disruption, the Sunny Beam can be programmed to emit an audio signal.

SUNNY BEAM

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.

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.

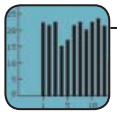
User-friendly and safe

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*® Wireless Technology

	SUNNY BEAM	
Communication		
Inverter communication	*Bluetooth*	
PC communication	USB 2.0	
Number of inverters	max. 12	
Maximum 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	NiMH (1.2 V) with low self-discharge	
Environmental conditions for operation		
Ambient temperature	0 °C ... +40 °C	
Protection rating	IP20	
General Data		
Dimensions (W / H / D) in mm	127 / 75 / 195	
Weight	approx. 350 g (with batteries)	
Installation site	indoor	
Deployment options	Desk top device	
Language versions - software / manual	German, English, French, Italian, Dutch, Portuguese, Spanish, Czech	
Features		
Display	LCD display	
Operation	Rotary push button	
Warranty	5 years	
Certificates and approvals	www.SMA.de	
Information displayed		
General information	Time, date	
System data	Current performance, daily yield, total yield, specific annual yield, CO_2 savings, earnings	
Accessories		
USB cable	●	
USB plug-in power supply	❍	
Replacement batteries	❍	
SMA *Bluetooth* Repeater	❍	
● Standard equipment ❍ Optional		

Wireless **communication** with the inverters via *Bluetooth*

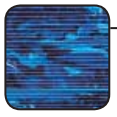


Large, easy to read **LCD display**

Audio **alarm**

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

Easy and intuitive operation by means of a **rotary push button**



Power supply via **solar cell** and battery

Compact and light
Dimensions: 127 x 75 x 195 mm
Weight: 350 g

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SMA Solar Technology AG