

SUNNY BEAM with Bluetooth® Wireless Technology



User-friendly

- Wireless table device with large, easy-to-read display
- USB interface for data transfer to PC

Innovative

- Automatic monitoring of up to 12 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

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The all-in-one service package for the home

Informative, compact, and easy to operate, the Sunny Beam with Bluetooth doesn't just look good; it's an innovative monitoring solution. Key data is visible on its large graphic display, including a 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 or US dollars, 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 directly transferred to a computer via a USB cable. The Sunny Beam can also be set up to emit an audio signal to notify operators of potential system errors.

echnical data	Sunny Beam with Bluetooth
ommunication	
verter communication	Bluetooth
Communication	USB 2.0
ax. number of SMA devices	12
ax. communication range	
uetooth (unobstructed)	up to 100 m (328 ft); up to 50 m (165 ft) with SMA Bluetooth® Piggy-Back*
ower supply	, , , , , , , , , , , , , , , , , , , ,
ower supply	integrated solar cell, USB cable
umber of batteries	2
pe of battery	ENEKEEP (Mignon AA), NiMH (1.2 Vdc)
vironmental conditions in operation	2. (2.22.) (mg.101.) (1.2.) (d.2.)
mbient temperature	0 °C +40 °C (32 °F +104 °F)
otection rating (as per EN 60529)	IP20
eneral data	II ZV
mensions (W / H / D) in mm (in)	127 / 75 / 195 (5 / 3 / 8)
riensions (vv / H / D) in mim (in) /eight	approx. 350 g (0.77 lb) with batteries
ounting location	indoors
atus display	LCD
, ,	
oftware language	German, English, French, Greek, Italian, Dutch, Portuguese, Spanish, Czech
nguage versions – manual	German, English, French, Greek, Italian, Dutch, Portuguese, Spanish, Czech
eatures	100
splay	LCD
peration	rotary push button
'arranty: 5 years	•
ertificates and approvals	www.SMA-Solar.com
formation displayed	
eneral information	time, date
rstem data	current output, daily yield, total yield, specific annual yield, CO ₂ savings, remuneration
ccessories	
SB cable	•
SB plug-in power supply	0
eplacement batteries	0
MA Bluetooth Repeater	0



Wireless communication with inverters via Bluetooth



Large, easy to read LC display

*Required for Sunny Boy 3000-US / 3800-US / 4000-US / 5000-US / 6000-US / 7000-US / 8000-US and 8000TL-US / 9000TL-US / 10000TL-US



Acoustic alarm system



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



Simple and intuitive operation via the rotary push button



Power supply via solar cell and battery



Compact and lightweight