



Easy to Use

- Straightforward plug and play commissioning
- Other SMA devices are not required

Economical

- Low investment costs and easy installation
- Most cost-effective approach to PV system monitoring

Communicative

- Reliable online monitoring
- Clear display of the most important system data
- Possible PV system comparison with Sunny Places

Direct

- Data exchange with Sunny Portal and Sunny Places without data logger
- Free Sunny Portal app for data visualization on smartphones or tablets

WEBCONNECT

Direct data exchange with Sunny Portal and Sunny Places

The ideal choice for online monitoring of small PV systems with up to four inverters. Webconnect provides direct access to Sunny Portal and Sunny Places without the need for an additional data logger. All it uses is an Internet connection and a DSL router. The inverter interface can easily be added separately or integrated at the factory. And after it has been installed, it is painless to commission: just plug and play. Once configured, key system data can be accessed and displayed in a clear format whenever you need it. Moreover, automatic product updates ensure that the device firmware is always up-to-date.



Data module or Piggy-Back Webconnect interface

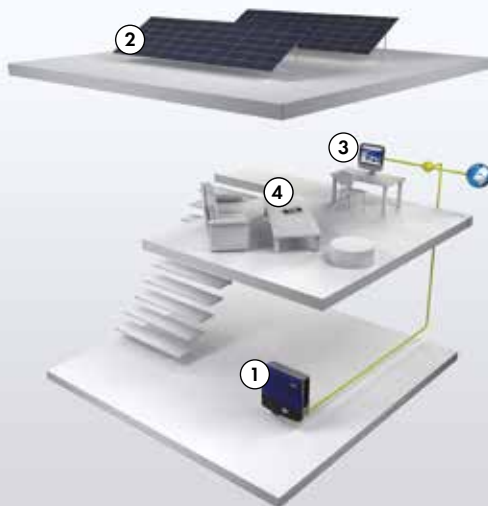


SB 240-10 and Sunny Multigate with Webconnect functionality



Inverters with integrated Webconnect function

Technical Data	Inverter with Webconnect functionality	Micro inverter with Webconnect functionality
Communication		
Sunny Portal and Sunny Places	SMA Webconnect via Ethernet	
Connections		
Ethernet	RJ45	
Maximum radio range		
Ethernet	100 m (328 ft)	
Supported Sunny Portal functions		
Online device updates	●	
System and device information		
Live data	●	●
Module-level monitoring	—	●
System profile	Overview of the key properties of the PV system	
Annual comparison	Quick yield overview of the entire operating period	
System logbook	Access to messages regarding system events	
Device overview	Properties and parameters of the devices in the PV system	
Status reports	E-mail reports provide regular information on system yields and system events	
Data management	Data consolidation after two years	
Monitoring		
Inverter comparison	Fully automatic and continuous yield comparison and e-mail notifications	
Communication monitoring	Ongoing monitoring of the connection between Sunny Portal and the PV system	
Individual access		
Publication of specific pages	Access via the public area on Sunny Portal by all Internet users, ideal for personalized presentations on personal websites	
User roles	Assign roles of "guest", "standard user", "installer" and "plant administrator" to determine who has which viewing and configuration rights	
Access		
Website	www.SunnyPortal.com, www.SunnyPlaces.com	
Smartphone/tablet	www.SunnyPortal.mobi, Sunny Portal App for iPhone and Android	
● Standard features ○ Optional features — Not available		



Typical system design

Power generation

- ① E.g. Sunny Tripower with Webconnect data module
- ② PV array

PV system monitoring

- ③ Sunny Explorer
Sunny Portal/Sunny Places
- ④ Mobile access