Simple

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

Communicative

- Free online monitoring via Sunny Portal
- Clear display of the most important plant data with Sunny Portal

Direct

- Data exchange with Sunny Portal without data logger
- Free Sunny Portal app for data visualization on smartphones

Economical

- Reasonable investment costs and low installation effort
- Most favorable way of plant monitoring

WEBCONNECT

Direct data exchange with Sunny Portal

Webconnect is ideally suited for online monitoring of small PV plants with up to four inverters. It provides free access to Sunny Portal with existing Internet access and a DSL router, without an additional data logger. Webconnect commissioning is plug and play after the simple installation of the inverter interface, which is optionally available or integrated at the factory. Once configured, key plant data can be accessed and displayed in a clear format whenever needed via Sunny Portal and automatic product updates ensure that the device firmware is always up to date.

Optional Webconnect interface of data module[1] or Piggy-Back[2] type

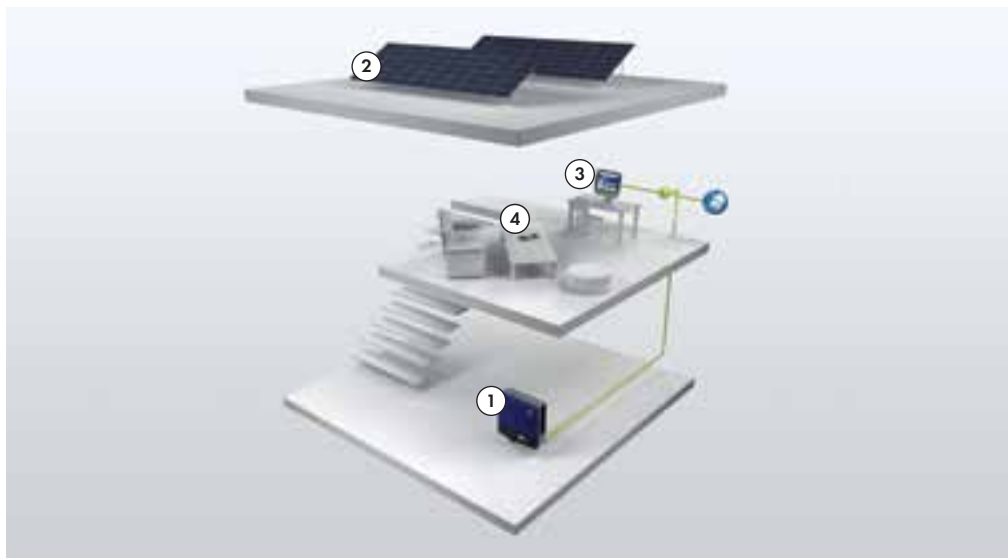SB 240-US-10 and Sunny Multigate-US-10 with integrated Webconnect functionality

STP 12000TL-US-10 / 15000TL-US-10 / 20000TL-US-10/ 24000TL-US-10 with integrated Webconnect functionality

[1] Supported inverters: SB 3000TL-US-22 / 4000TL-22 / 5000TL-US-22

[2] Supported inverters: SB 3000US-12 / 3800US-12 / 4000US-12, SB 5000US / 5000US-11 / 5000US-12 / 6000US / 6000US-11 / 6000US-12 / 6000TLUS-12 / 7000US / 7000US-11 / 7000US-12 / 7000TLUS-12 / 8000US-11 / 8000TLUS-11 / 8000US-12 / 8000TLUS-12 / 9000TLUS-10 / 9000TLUS-12 / 10000TLUS-10 / 10000TLUS-12 / 11000TLUS-12

Technical data	Inverter with Webconnect functionality	Micro inverter with Webconnect functionality
Communication		
Sunny Portal	SMA Webconnect via Ethernet	
Connections		
Ethernet	RJ45	
Max. radio range		
Ethernet	100 m	
Supported Sunny Portal functions		
Online device updates	●	
Plant and device information		
Live data	●	●
Panel Level Monitoring	–	●
Plant description	Overview of the key properties of the PV plant	
Annual comparison	Quick yield overview of the entire operating period	
System logbook	Access to messages regarding plant events	
Device Overview	Properties and parameters of the devices in the PV plant	
Status reports	E-mail reports provide regular information on plant yields and plant events	
Data management	Data consolidation after two years	
Monitoring		
Inverter comparison	Fully automatic and continuous yield comparison and e-mail alarms	
Communication monitoring	Ongoing monitoring of the connection between Sunny Portal and the PV plant	
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	By assigning the roles of "guest", "standard user", "installer" and "plant administrator", you can determine viewing and configuration rights of the different roles.	
Access		
Website	www.sunnyportal.com	
Smartphone	www.sunnyportal.mobi, Sunny Portal App for iPhone and Android	

● Standard feature   ○ Optional feature   – Not available

Typical plant design

Power generation
① e.g. Sunny Tripower TL-US with Webconnect data module
② PV array

Plant monitoring
③ Sunny Explorer Sunny Portal
④ Mobile access

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