



### Simple

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

### Economical

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

### 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

## WEBCONNECT

### Direct data exchange with Sunny Portal

Ideally suited for online monitoring of small PV plants with a maximum number of up to four inverters: Webconnect provides free access to Sunny Portal without additional data logger – easily via an existing Internet access and a DSL router. After the simple installation of the inverter interface which is optionally available or already integrated at the factory, you can commission the Webconnect. Basically, it's plug-n-play. Once configured, key plant 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.



SWDM-10, optional Webconnect interface of data module<sup>1</sup> type



240-10 and Sunny Multigate with integrated Webconnect functionality

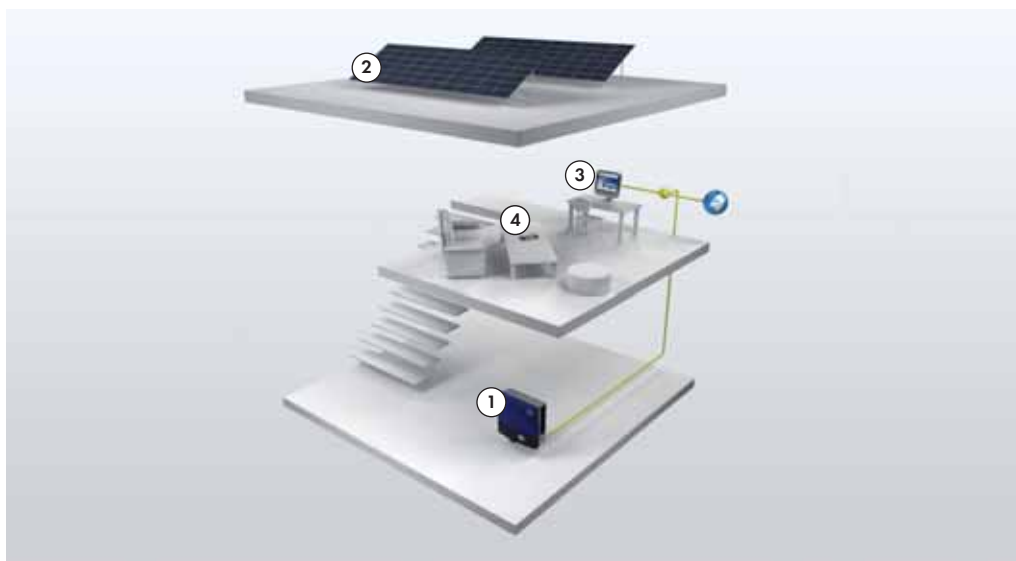


STP 5000/6000/7000/8000/9000TL-20 with integrated Webconnect functionality

<sup>1</sup> Supported inverters: STP 20000TLHE / 15000TLHE-10, STP 20000TLEE / 15000TLEE-10, STP 10000TL / 12000TL / 15000TL / 17000TL-10, SB 2500TLST / 3000TLST-21, SB 3000TL / 3600TL / 4000TL / 5000TL-21

Technical data	Inverter with Webconnect functionality	Micro inverter with Webconnect functionality
<b>Communication</b>	SMA Webconnect via Ethernet	
Sunny Portal		
<b>Connections</b>	RJ45	
Ethernet	100 m	
<b>Max. radio range</b>		
Ethernet	●	
<b>Supported Sunny Portal functions</b>		
Online device updates	●	
<b>Plant and device information</b>		
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	
<b>Monitoring</b>		
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	
<b>Individual access</b>		
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.	
<b>Access</b>		
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 with Webconnect data module

② PV array

**Plant monitoring**

③ Sunny Explorer  
Sunny Portal

④ Mobile access