



### 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<sup>1</sup> or Piggy-Back<sup>2</sup> type



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

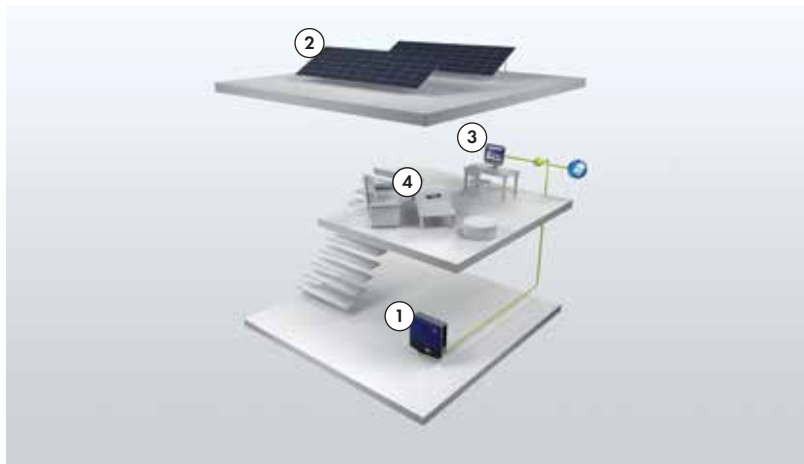


STP 12000TL-US-10 / 15000TL-US-10 / 20000TL-US-10 / 24000TL-US-10 with integrated Webconnect functionality

<sup>1</sup> Supported inverters: SB 3000TL-US-22 / 3800TL-US-22 / 4000TL-US-22 / 5000TL-US-22 / 6000TL-US-22 / 7000TL-US-22 / 7700TL-US-22

<sup>2</sup> 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 |
|---|---|--|
| <b>Communication</b>                                  | SMA Webconnect via Ethernet   |  |
| Sunny Portal  |   |  |
| <b>Connections</b>                                    |   |  |
| Ethernet  | RJ45  |  |
| <b>Max. radio range</b>                               |   |  |
| Ethernet  | 100 m   |  |
| <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 TL-US with Webconnect data module
- ② PV array

### Plant monitoring

- ③ Sunny Explorer Sunny Portal
- ④ Mobile access