



SMA Solar Technology AG

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Product Discontinuation

Dear Sir or Madam:

With the introduction of Sunny WebBox and Sunny Portal in 2005, SMA established a new concept of PV monitoring. Today we'd call this "cloud-based", and it was since adopted by many other providers. SMA Cluster Controller, Speedwire and Webconnect-Technology later consequently brought standardized internet protocols and media straight to the inverter.

Now, time has come to let the first generation of products come to an end. Thus SMA will stop offering the following products by the end of 2015:

- Sunny WebBox
- Sunny WebBox with *Bluetooth*®
- Sunny SensorBox
- Power Reducer Box

These products can be ordered until October, 31st 2015.

If you do not already benefit from IP-based communication, our sales team will assist you in planning a professional PV monitoring solution from SMA.

Suitable solutions for rooftop PV systems are the following:

Via existing Internet connections and using the Webconnect interface integrated into each inverter, SMA provides open access to the free online portal Sunny Places and to Sunny Portal. Of course, the PV system data displayed there can also be accessed via smartphones. For inverters with integrated WLAN it is possible to access data of the built-in web server directly.



Commercial PV systems:

In combination with SMA Speedwire communication, the SMA Cluster Controller offers a wide range of integrated system, service and interface functions to the SMA inverters, such as the following:

- Monitoring and control of up to 75 or 25 SMA string inverters
- Analog and digital interfaces (17 in total), e.g., for connecting sensors and active and reactive power setpoints, for feedback of power setpoints to the grid operator, or for direct connection of a ripple control receiver or a remote terminal unit
- Functions for PV farm controllers and direct marketing interface

Via the Ethernet-based data interface (e.g., Modbus TCP), which is integrated into both the SMA Cluster Controller and most SMA inverters, a wide range of applications can be implemented—from feed-in management to the integration of sensor technology. In addition, SMA provides the SunSpec protocol as an open interface for PV system monitoring. SMA is one of the first inverter manufacturers to receive a SunSpec certification from the American SunSpec Alliance for its control interface.

For further information on the Modbus and the SMA Cluster Controller, please refer to the website <http://www.sma.de/en/products/monitoring-control.html>.

At the same time, we will also be discontinuing sales of special components designed to be used in Germany and Italy with SMA Gridgate grid and PV system protection products. These products can also be ordered until October, 31st 2015.

Yours sincerely

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Appendix: List of discontinued products

Product	Material
Sunny WebBox	SUNNYWEBBOX, SUNNYWEBBOXU
Sunny Webbox with SMA <i>Bluetooth</i> ®	WEBBOX-BT-20
Power Reducer Box	POWERREDUCERBOX
Power Supply & Accessories	PWRSUPPLY, PWRM-10-NR, SD-CARD1GB, SD-CARD2GB
Sunny Sensorbox with all sensors & accessories	SUNNYSSENSOR,TEMPSENSOR-AMB, TEMPSENSOR-AMBIENT, TEMPSENSOR- MODULE, WINDSENSOR,POWER- INJECTOR, MONPLAT-/ROOFAN- /SEALKIT-SSENSOR, WALL-MOUNT- BRACKET, BT-485-CON-DEV
SMA Gridgate	GRIDGATE-10 GRIDGATE-20