



SMA Solar Technology AG Press Release

SMA Launches Intelligent Solution for Higher Energy Yields and Innovative Service Concept

Niestetal, February 2, 2017 – Good news for all who are planning a PV system. With the new Power+ Solution from SMA Solar Technology AG (SMA), it has never been easier to save on electricity costs. SMA has combined state-of-the-art inverter technology including a unique service concept with smart module technology. The basis of the intelligent SMA solution is the new Sunny Boy 3.0-5.0 with the new SMA Smart Connected service. It is the first inverter to include integrated monitoring with an automatic notification function for servicing without delay. This ensures that PV system owners benefit from maximum system availability and installers from an even easier service business. The SMA solution is quick and easy to install and ensures higher energy yields thanks to the intelligent TS4R module technology.

“Thanks to the intelligent Power+ Solution and the new Smart Connected service concept, SMA has made solar generation in private homes even easier and more convenient,” said Sven Schreiber, Executive Vice President Business Unit Residential at SMA. “We can now provide our customers with an all-inclusive service package thanks to the SMA Power+ Solution based on the new Sunny Boy 3.0-5.0 with integrated SMA Smart Connected service. SMA takes responsibility for inverter monitoring and responds in the event of a fault. Our service allows the installer to respond immediately, meaning that the customer receives support even faster. Thanks to the greater availability of the PV system, owners can use more low-cost solar power at home. And anyone looking to optimize their self-consumption even further and independently of rising electricity prices can upgrade their SMA solutions at any time with battery storage-systems and comprehensive energy management.”

Integrated monitoring for targeted service

The new Sunny Boy 3.0-5.0, successor to the world’s best-selling string inverter Sunny Boy TL, is extremely lightweight, features an intuitive user interface and offers straightforward plug-and-play installation and commissioning, which can be done without opening the lid. The integrated service package SMA Smart Connected enables free and automatic monitoring and helps installers provide customers with a quick, targeted service. Future-proof communication takes place via Ethernet and WLAN, meaning that PV system data can be viewed at any time on your tablet or smartphone.

Targeted use of module technology saves time and money

In combination with the new Sunny Boy 3.0-5.0 and other SMA inverters, the TS4R module components of the SMA Power+ Solution help to increase energy yields – even with complex roof structures – because now, for the first time ever, individual modules of a PV system – for example, those positioned in shaded areas – can be flexibly equipped



with additional functions. This saves installers and PV system operators both labor and costs. The module technology can be used upon single PV modules when trees or chimneys cause partial shading, modules are aligned in different orientations or even for detailed monitoring at module level.

All information about the new SMA Solution you'll find here:

www.SMA.de/increase-yields

www.SMA.de/en/SunnyBoy30-50

About SMA

The SMA Group with anticipated sales of about €1 billion in 2016 is the global market leader for solar inverters, a key component of all PV plants, and offers innovative key technologies for future power supply structures. It is headquartered in Niestetal, near Kassel, Germany, and is represented in 20 countries. The Group employs more than 3,000 people worldwide. SMA has an extensive range of products, which offers the right inverters for all module types and plant sizes; for small residential systems as well as large-scale plants, grid-connected photovoltaic systems as well as off-grid and hybrid systems. Moreover, SMA offers system technology for various battery technologies and system sizes and collaborates with renowned battery manufacturers and companies from the automotive industry. The SMA technology is protected by about 700 patents and utility models worldwide. The range of services is supplemented by comprehensive services and operational management of large-scale PV power plants. Since 2008, the Group's parent company, SMA Solar Technology AG, has been listed on the Prime Standard of the Frankfurt Stock Exchange (S92) and is currently the only company in the solar industry that is listed in the TecDAX index.

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