



SMA Solar Technology AG – Press Release

The Easiest Way to Take Part in the Energy Transition: SMA Launches New Micro Inverter

Niestetal, February 17, 2014 –SMA Solar Technology AG (SMA) now offers the Sunny Boy 240 micro inverter also in Germany, Austria and Switzerland. With this micro inverter, PV system operators have access to an easy-to-install and expandable modular solution for various applications, including differently configured substrings or systems with regularly shaded modules.

An inverter for every module

With the micro inverter system, micro inverters positioned directly on the module are used to convert direct current to alternating current instead of a “large” string inverter. The completely new developed Sunny Boy 240 follows this concept.

Every system can easily be expanded

This means that the Sunny Boy 240 – thanks to its modular design principle – allows operators to expand PV systems as desired - in accordance with local regulations. It is equally well suited for PV system operators who want to add module inverters to an existing string system and those who are looking for a system with only module inverters. The system can be expanded or modified step by step, depending on the operator’s needs and financial resources.

Easy installation, efficient operation

One of the great strengths of the new Sunny Boy 240 and of the entire system is the simplicity. Thanks to its specially developed concept the Sunny Boy 240 holds approximately 50 percent less components than competitor products, it makes for particularly easy plug-and-play installation and efficient system operation. Through Sunny Multigate, the interface to the utility grid, the Sunny Boy 240 also guarantees analysis, diagnostics and yield monitoring via Sunny Portal or locally via Sunny Explorer. Access to the SMA Online Portal comes standard and offers an option for simplified servicing. For example, shading or module problems can be quickly identified and rectified.

Wide-ranging applications

With a combination of individual modules plus the Sunny Boy 240, even challenging applications can be met. These include partial shading, complex roof structures, extremely small systems or combinations of different roof orientations. Thanks to its modular design principle, the system offers a low-cost entry point to self-generated electricity and therefore low-cost access to the energy transition for people who are interested in photovoltaics.

More information about the Sunny Boy 240 can be found at www.SMA.de/en.



About SMA

The SMA Group generated sales of €1.5 billion in 2012 and is the global market leader for solar inverters, a key component of all PV plants and, as an energy management group, offers innovative key technologies for future power supply structures. It is headquartered in Niestetal, near Kassel, Germany, and is represented internationally in 21 countries. The Group employs more than 5,000 people worldwide. SMA's broad product portfolio includes a compatible inverter for every type of module on the market and for all plant sizes. The product range includes both inverters for photovoltaic plants connected to the grid as well as inverters for off-grid systems. SMA is therefore able to provide ideal technical inverter solutions for all plant sizes and types. 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 also in the TecDAX index. In recent years, SMA has received numerous awards for excellence as an employer and achieved first place in the nationwide "Great Place to Work[®]" competition in 2011 and 2012 and fourth place in 2013.

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