



SMA Solar Technology AG – Press Release

## **SMA Launches the World's First Medium Voltage Station for String Inverters**

**Niestetal, March 3, 2016 – SMA Solar Technology AG (SMA) has launched the world's first medium-voltage station in a 10-foot container for Sunny Tripower inverters, the MVS-STP, thereby expanding its portfolio serving decentralized photovoltaic power plants. The turnkey MVS-STP solution, specifically designed for string inverters, considerably simplifies setup of photovoltaic power plants with a decentralized system layout. In addition to quicker transport, the MV station makes cost savings possible thanks to shortened installation and commissioning times.**

"In the past, decentralized photovoltaic power plant builders could only create the link needed to connect to medium-voltage grids directly on-site with components that had been delivered individually," said Boris Wolff, Executive Vice President of the Utility business unit at SMA. Adapting the components to each other, organizing overseas and domestic transport and assembly used to mean considerable effort and extremely long transport and installation times for PV power plant builders. "In the MVS-STP, every component needed for connection to the medium-voltage grid comes completely installed," continued Wolff. "This single-source principle makes the connection easier without major effort on-site. Thanks to low maintenance effort, PV power plants in remote, difficult-to-reach regions can benefit from the new MVS-STP. The 10-foot container can be transported by land and sea safely, cost-effectively and easily."

The SMA MVS-STP is an integrated solution and consists of a transformer, a low-voltage distribution board for connection of up to 30 Sunny Tripower inverters, a medium-voltage switchgear, and it works with 600 kVA to 1800 kVA of power. Every component comes pre-assembled in a 10-foot container with an optimized cooling system. This maintains the advantage offered by the decentralized installation of the string inverters, which are still installed directly on-site. The MVS-STP is suitable for global use, particularly for decentralized ground-based PV systems and large-scale commercial roof systems, and is available immediately.

### **About SMA**

The SMA Group with anticipated sales of about €1 billion in 2015 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 3,500 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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