



SMA Solar Technology AG—Press Release

## **SMA Is the First Manufacturer to Publish Efficiency Data for Storage Systems**

**Niestetal, July 6, 2017 – Those who want to expand their PV system to include a storage system can make better use of their home-produced solar power and save even more energy costs. Therefore, more and more households are interested in storage systems as a supplement to PV systems. How efficient such a system is and the level of self-sufficiency that will be achieved is an important factor for customers and installers and depends largely on the efficiency of the storage system. SMA Solar Technology AG (SMA) is now the first manufacturer to publish the efficiency data for storage systems with SMA components on the basis of energy efficiency guidelines for PV storage systems.**

“We are the first manufacturer of photovoltaics and battery inverters to take this step. The measurements have been carried out by an independent testing laboratory,” said Martin Rother, head of the Residential & Commercial product group in the Off-Grid & Storage business unit at SMA. “It is particularly important to us that precise statements about the actual efficiency of storage systems can be made beforehand. Installers and end users can compare different systems equally only when other system providers also publish this data. Thus, we would very much welcome it if other manufacturers were to follow our example,” said Rother. “There are enormous variations in the efficiency of different systems. Projections for the next 20 years suggest that through this, users can save up to €5,000 if they use the system that is most efficient for their application. Transparency is therefore an absolute necessity.”

“With the publication of efficiency data, SMA is the first manufacturer to follow through on its voluntary commitment to make measurement results carried out in accordance with efficiency guidelines accessible to the public,” said Urban Windelen from the Bundesverband Energiespeicher (BVES). “We assume that other companies will shortly be taking this welcome step by publishing efficiency data and, in doing so, providing more transparency for customers, planners, and installers. The BVES is calling for tests on storage systems in accordance with efficiency guidelines to become the rule.”

### **Background to Efficiency Guidelines for PV Storage Systems**

The guidelines describe the testing procedure for characterizing the efficiency, standby consumption and regulation efficiency of stationary battery storage systems and are intended to increase transparency in the market for energy storage. The Bundesverband Energiespeicher (BVES) has taken on this goal together with the German Solar Industry Association (BSW-Solar) and a series of manufacturers and testing and research institutes and has established efficiency guidelines for PV storage systems within the space of nine months.



## **About SMA**

The SMA Group with sales of around €1 billion in 2016 is the global market leader for solar inverters, a key component of all PV plants. SMA offers a wide range of products and solutions that allow for high energy yields for residential and commercial PV systems and large-scale PV power plants. To increase PV self-consumption efficiently, SMA system technology can easily be combined with different battery technologies. Intelligent energy management solutions, comprehensive services and operational management of PV power plants round off SMA's range. The company is headquartered in Niestetal, near Kassel, Germany, is represented in 20 countries and has more than 3,000 employees worldwide, including 500 working in Development. SMA's multi-award-winning technology is protected by more than 900 patents and utility models. 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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