

SMA Solar Technology AG – Press Release

The Simple Way to Expand Storage Systems: The New Sunny Boy Storage Can Integrate up to Three Batteries

Niestetal, 23. May 2018 – Good news for anyone who wants to install a PV system with a storage system, or wants to modernize their system. For the first time, the new Sunny Boy Storage 3.7/5.0/6.0 battery inverter from SMA Solar Technology AG (SMA) allows up to three high-voltage batteries to be connected. If the demand for electricity increases – when charging an electric vehicle or connecting a heat pump, for example – the storage system can be expanded by an additional high-voltage battery at any time thanks to the Sunny Boy Storage 3.7/5.0/6.0. With the multistring battery inverter, PV system operators can increase self-consumption of their solar power, making them less dependent on the electric utility companies.

In addition to three connection options for high-voltage batteries from various manufacturers, which can also be connected in parallel when using larger batteries, the new “large” Sunny Boy Storage is equipped with the integrated emergency power supply, Secure Power Supply. In the event that the utility grid fails, individual loads can still be manually supplied with solar power. Even greater supply reliability is provided by an optionally integrable battery backup function that automatically supplies the entire household with clean solar power if the utility grid fails. The Sunny Boy Storage 3.7/5.0/6.0 is the first battery inverter equipped with the SMA Smart Connected service. PV system operators and installers therefore benefit from free monitoring and automatic notification when servicing is required.

“With the new Sunny Boy Storage, we are offering homeowners with PV systems even more options for using self-generated power,” said Martin Rothert, head of the Residential and Commercial product group at SMA. “They can expand the storage system depending on the electricity demand, thereby increasing the amount of self-consumption. Combined with the intelligent energy manager Sunny Home Manager 2.0, energy flows in the home can be controlled intelligently, and electricity costs can be further reduced.”

You can find all the product information on the new Sunny Boy Storage 3.7-6.0 [here](#).

The Sunny Boy Storage 3.7/5.0/6.0 will be available from June.



About SMA

The SMA Group with sales of around €900 million in 2017 is a global 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 and digital energy 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 1,100 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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