



Press Release
SMA America

SMA's Sunny Boy Storage Now Available with Whole Home Backup

Fully Integrated Storage Solution Will Provide Backup Power During Grid Outages

ROCKLIN, Calif., November 29, 2018—As energy storage becomes increasingly important, SMA is continuing to invest in its offerings and is now delivering the [Sunny Boy Storage-US inverter](#) and Automatic Backup Unit. While other manufacturers offer a simple transfer switch and a number of separate components that must be purchased, SMA provides a complete solution with all parts integrated into one fully automated backup solution.



SMA introduces Sunny Boy Storage with Automatic Backup Unit

Photo Courtesy of SMA America

“SMA’s Sunny Boy Storage with Automatic Backup Unit is a comprehensive solution that can supply whole home backup power in the event of a grid outage,” said Nick Morbach, Executive Vice President of SMA’s Residential and Commercial business unit. “This innovative solution provides a sense of security and peace of mind for homeowners, knowing they will have power when they need it most.”

The highly integrated Automatic Backup Unit consists of several components. The first is a 200 Amp rated contactor, which automatically disconnects the home energy system from grid power during a power outage. It then automatically reconnects the home energy system to the grid once it is safe to do so. Next, an autotransformer will balance up to 5 kVA of imbalance across phases, reducing the potential for system interruption during backup mode operation due to imbalanced loads within the home. The solution also includes built-in energy consumption metering with pre-installed current transformers, which will eliminate the need for additional hardware and labor. Two 50 Amp breakers are included for landing PV and energy storage inverter output, which also reduces hardware needs. Finally, the



Automatic Backup Unit will feature an SMA backup controller, which manages and stabilizes the microgrid by monitoring solar generation, load consumption and battery state-of-charge.

SMA also offers a solution for backing up lighter household loads, which does not require the Automatic Backup Unit or any additional hardware. SMA's Backup Lite is a manual transfer switch that can be configured to deliver up to 2,000 watts of continuous power during the day or night, offering homeowners a cost-effective solution and peace of mind in the event of a grid outage.

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 19 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 1,200 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 listed in the SDAX index.

Media Contacts:

Jessica Dumont • Jessica.Dumont@SMA-America.com

Brad Dore • Brad.Dore@SMA-America.com

SMA America • 916 625 0870

Follow us:    

Photo Caption: SMA introduces Sunny Boy Storage with Automatic Backup Unit

Photo Credit: Photo Courtesy of SMA America

Disclaimer:



This press release serves only as information and does not constitute an offer or invitation to subscribe for, acquire, hold or sell any securities of SMA Solar Technology AG (the "Company") or any present or future subsidiary of the Company (together with the Company, the "SMA Group") nor should it form the basis of, or be relied upon in connection with, any contract to purchase or subscribe for any securities in the Company or any member of the SMA Group or commitment whatsoever. Securities may not be offered or sold in the United States of America absent registration or an exemption from registration under the U.S. Securities Act of 1933, as amended.

This press release can contain future-oriented statements. Future-oriented statements are statements which do not describe facts of the past. They also include statements about our assumptions and expectations. These statements are based on plans, estimations and forecasts which the Managing Board of SMA Solar Technology AG (SMA or company) has available at this time. Future-oriented statements are therefore only valid on the day on which they are made. Future-oriented statements by nature contain risks and elements of uncertainty. Various known and unknown risks, uncertainties and other factors can lead to considerable differences between the actual results, the financial position, the development or the performance of the corporation and the estimates given here. These factors include those which SMA has discussed in published reports. These reports are available on the SMA website at www.SMA.de. The company accepts no obligation whatsoever to update these future-oriented statements or to adjust them to future events or developments.

###