



SMA Solar Technology AG Press Release

### **Sunny Boy Storage becomes even more flexible**

**Niestetal, September 03, 2020 – Using sustainable and cost-effective solar power from their own roofs is becoming increasingly attractive to homeowners. With battery-storage systems, they can easily supply themselves with self-generated power even in the evenings. In addition to new PV systems, it is also worth retrofitting old PV systems with a battery system when these are no longer eligible for subsidies, for example. Therefore, SMA Solar Technology AG (SMA) is now making storage solutions with the proven Sunny Boy Storage 3.7–6.0 even more flexible. With the AC-coupled solution, users can integrate battery-storage systems into both new and existing PV systems easily and flexibly and expand the storage capacity at any time without having to interfere with the PV system.**

### **Emergency power supply function and backup supply for the entire household**

Generating and storing solar power is now so cost-effective that today many PV systems are installed with battery-storage systems already included. But often, owners of older PV systems would also like to use more solar power themselves or expand a battery-storage system that is now too small because they have bought an electric car, for example. “In any situation, the Sunny Boy Storage 3.7–6.0 is the ideal solution thanks to its high degree of flexibility and integrated functions,” explained Thomas Thierschmidt, Platform Product Manager at SMA. “In addition to the standard functions of a battery inverter, the Sunny Boy Storage 3.7–6.0 provides an emergency power supply function as standard. Furthermore, it can be expanded by adding a backup system to supply the entire household in the event of a power outage. The AC coupling also means there is no need to interfere with the PV system to integrate batteries with the Sunny Boy Storage 3.7–6.0 or increase the storage capacity. Conversely, the PV system can also be expanded independently of the storage system. This makes life particularly straightforward and saves resources for installers and system owners.”

### **Additional batteries can be integrated thanks to new firmware update**

To provide the best storage solution for every customer and to enable it to adapt to changing needs anytime, SMA works closely with all leading battery manufacturers. The Sunny Boy Storage 3.7–6.0 can integrate up to three batteries – regardless of whether commissioning was carried out with only one battery, for example. With the recent firmware update, the Sunny Boy Storage 3.7–6.0 is now also compatible with the latest high-voltage batteries BMZ Hyperion, IBC SOLAR era: powerbase, AXITEC AXIstorage LI SH as well as BYD Battery-Box Premium HVM and Battery-Box Premium HVS. In addition, the LG Chem RESU10M – which, like all other high-voltage batteries from LG, has already been compatible with the Sunny Boy Storage 3.7–6.0 for quite some time – has now also been approved for multi-battery operation and the emergency power supply function.



You can find further information about the Sunny Boy Storage 3.7–6.0 [here](#).

A full list of the batteries compatible with the Sunny Boy Storage 3.7–6.0 is available [here](#).

### **About SMA**

As a leading global specialist in photovoltaic system technology, the SMA Group is setting the standards today for the decentralized and renewable energy supply of tomorrow. SMA's portfolio contains a wide range of efficient PV inverters, holistic system solutions for PV systems of all power classes, intelligent energy management systems and battery-storage solutions as well as complete solutions for PV diesel hybrid applications. Digital energy services as well as extensive services up to and including operation and maintenance services for PV power plants round off SMA's range. SMA inverters with a total output of around 90 gigawatts have been installed in more than 190 countries worldwide. SMA's multi-award-winning technology is protected by more than 1,500 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.

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