



SMA Solar Technology AG Press Release

## **Intersolar 2023: SMA unveils flexible PV and storage combo for every home's energy needs**

**Niestetal/ Munich June 12, 2023 - Munich will witness the launch of a unique combination consisting of the 1-phase 2-in-1 Sunny Boy Smart Energy inverter and the SMA Home Storage battery. The hybrid inverter features exceptional performance and fast battery charging capability. An advantage especially in regions with frequent clouding, the SMA Home Storage is a solution designed for intensive use and adaptability in different use cases, allowing to connect up to four batteries. Together or in combination with the existing SMA Home Energy Solutions, they provide unmatched flexibility and a comprehensive, one-stop solution to deliver tailor-made solar installations that align with homeowners' budgets and requirements.**

"Electricity dependence is increasing worldwide and SMA is committed to providing households and e-mobilists with solutions and systems for a future-proof, energy supply," said Jan Van Laethem, Executive Vice President Business Segment Home, at SMA. "Our expanding range of solutions aims to provide self-managed and climate friendly energy systems for households worldwide. SMA plays a key role in the global energy transition, supporting both installers and end-users in all aspects of home energy needs with remarkably user-friendly solutions. Our new products share the same stylish design and together in one installation, where they form a unique combination that offers extra benefits."

The Sunny Boy Smart Energy takes center stage as the all-in-one inverter for solar and storage systems. 3 MPP trackers enable maximum roof exploitation. Features like low startup voltage, the ability to leverage over dimensioning and the integrated SMA ShadeFix function ensure optimal solar yields even in shaded areas. Thanks to expandable backup options, the additional energy is also available during grid failures. (\*) The Sunny Boy Smart Energy is compatible with the new SMA Home Storage and with HV batteries of leading brands. Being the result of uncompromising German design standards, the inverter comes with 10 years of warranty (\*\*) and is first available in the power classes: 3.6 / 4.0 / 5.0 / 6.0 kW. Higher power classes will follow in 2024.

Designed for intensive usage and adaptability across various use cases, the SMA Home Storage battery offers expandable capacity, allowing homeowners to add up to four modules (\*\*\*) – mounted on the floor, on the wall or back-to-back. Thanks to its IP65 rating, outdoor installation is also possible. With the battery's impressive 8,000 cycle life and 10-year warranty (\*\*), homeowners benefit from powerful storage over a long period of time. The SMA battery is compatible with the new Sunny Boy Smart Energy and the Sunny Tripower Smart Energy three-phase hybrid inverter.



### **Seamless integration, control and comprehensive customer service**

The innovative design reduces inverter assembly to a single central twist. This means time savings for installers and effectively allows them to complete more projects. Commissioning the inverter and battery is a breeze thanks to plug-and-play functionality with pre-assembled cables and the user-friendly [SMA 360° app](#) instructions. Installers keep track of the system with [Sunny Portal, powered by ennexOS](#), while the homeowner can easily visualize and manage their energy flows with the intuitive [SMA Energy App](#). In addition, SMA's comprehensive service ensures that installers receive expert support from the SMA Service Line or Online Service Center throughout the project lifecycle eliminating the need for multiple points of contact. To further empower installers, the [SMA Solar Academy](#) offers comprehensive training from the sales process to delivering exceptional service that leaves homeowners satisfied with SMA's game-changing PV and storage.

The Sunny Boy Smart Energy will be available in the US, Germany, Austria, Benelux, Spain, Italy and Switzerland from Q4 2023, depending on country-specific certification. Australia, as well as further European countries will follow in 2024. The SMA Home Storage will be available in Germany and Austria from August 2023, Benelux, Spain and Italy will follow later.

\*available in a later version

\*\*Registration in the Online Service Center required within 30 days

\*\*\*From 3.2 to 16.2 kWh depending on inverter type.

A list of compatible batteries can be found on <https://www.sma.de/en/>.

### **About SMA**

As a leading global specialist in photovoltaic and storage 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 and battery inverters, holistic system solutions for PV and battery-storage systems of all power classes, intelligent energy management systems and charging solutions for electric vehicles and power-to-gas 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 more than 125 gigawatts have been installed in more than 190 countries worldwide. Around 63 million tons of CO<sub>2</sub>e have been avoided thanks to the PV inverter power sold by SMA over the past 20 years. This is equivalent to stopping more than €12 billion of environmental damage. SMA's multi-award-winning technology is protected by more than 1,700 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 TecDAX index and MDAX index.

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