



SMA Solar Technology AG press release

SMA and Samsung are breaking new ground in the integration of heat pumps

Niestetal, June 7, 2023 – Good news for homeowners as SMA and Samsung start to interlinking their communications and thus making it possible to integrate Samsung heating systems into SMA's home energy management system. To do this, the two companies are using an innovative cloud-to-cloud solution that also allows PV systems with SMA inverters to be integrated into Samsung's SmartThings smart home ecosystem. Users benefit from the sheer simplicity of incorporating heat pumps into their domestic energy systems, enabling them to become less dependent on rising energy prices.

"Our goal is to make it possible for all users to gain access to a secure and environmentally friendly energy supply with the solutions that we provide. The new cloud-to-cloud system from SMA and Samsung is another vital element of that process," said Jan Van Laethem, Executive Vice President of SMA's Home business segment. "The good thing for users is how simple it is to integrate Samsung Eco Heating Systems. Thanks to the interconnected communications for energy and smart home management, they can easily manage domestic appliances that generate and consume energy. SMA is once again demonstrating that it is a pioneer not just in solar solutions but also in energy management."

"At Samsung, we are passionate about sustainability and innovation. That's why we are excited to join forces with SMA, a global leader in photovoltaic and storage system technologies, to integrate our SmartThings Energy with SMA's PV systems. This will allow our customers to enjoy a smart and efficient solution for heating and hot water, as well as to monitor and control their energy usage and carbon emissions." said Chanwoo Park, Executive Vice President and Head of IoT Business group of the Digital Appliances Business at Samsung Electronics.

In addition to heat pumps, the SMA Sunny Home Manager 2.0 can be used to integrate energy generators, battery storage systems, wallboxes and home appliances such as washing machines into a smart energy management system. Thanks to self-learning algorithms and forecast-based meteorological data, the Sunny Home Manager manages all energy flows completely automatically, thereby optimizing the use of solar energy from the home's own PV system. The smart energy manager is thus impressive worldwide – there are already more than 200,000 devices in use.

Everything you need to know about the Sunny Home Manager 2.0 and the smart SMA energy management system is available on the [website](#).

Visit SMA at Intersolar Europe 2023, at booth B3.210 at the trade fair grounds in Munich from June 14 to 16. You can read up in advance about our new systems and solutions at www.SMA.de/Intersolar-2023.



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 120 gigawatts have been installed in more than 190 countries worldwide. Around 63 million tons of CO₂e 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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