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# Press Release

## BMW and Solarwatt are expanding their partnership: Neue Klasse vehicles are becoming a central component of the home energy ecosystem

**+++ BMW and Solarwatt are strengthening their partnership to deliver holistically optimized home energy solutions**
**+++ BMW enables its vehicles and the BMW Wallbox Professional to integrate seamlessly with Solarwatt's Home Energy Management System (HEMS) for optimized use**
**+++ Market launch planned for late 2026**
**+++ The companies have been collaborating on electric mobility and home storage since 2013**

**Munich/Dresden, May 18, 2026** - BMW and Solarwatt are further expanding their collaboration in the field of smart energy and home charging solutions. The two companies are launching a new Vehicle-to-Home (V2H) solution, made possible by BMW's Neue Klasse iX3 and i3 models.

BMW and Solarwatt are thereby enabling the integration of the electric vehicle as a battery unit within the customer's home. To this end, the SOLARWATT Manager home energy management system (HEMS) will serve as the link between both ecosystems in the future.

The Solarwatt HEMS handles the central and intelligent control and optimization of energy flows in the household via coordinated and communicating components. This efficiently optimizes the generation, storage, and consumption of energy.

The electric vehicle is seamlessly integrated into the interaction between the photovoltaic system (PV system), home storage, and consumers in the home as an additional storage unit.

This home network integration is made possible by combining BMW Neue Klasse models with the bidirectional BMW Wallbox Professional, which not only charges the vehicle but can also feed energy back into the home when needed.

The market launch for the integration of bidirectional BMW vehicles into Solarwatt's new HEMS for Vehicle-to-Home (V2H) applications is planned for late 2026 in Germany, Austria and the Netherlands.

BMW and Solarwatt have been collaborating in the field of electromobility since 2013. In 2021, the two partners also launched a home storage system featuring a battery module that incorporates components also used in the BMW Group's electric vehicles. Since 2025, the successor model,

SOLARWATT Battery vision, has been available, with its housing and design created by BMW Designworks USA.

*Smart Connectivity: Energy Management and Home Network Integration in perfect harmony*

Since the launch of the Neue Klasse, BMW has relied on Vehicle-to-Home (V2H) technology as a gateway to bidirectional charging, the use of solar energy, and the reduction of energy costs.

The offering is now being expanded to include home network integration for optimal energy management. This marks a significant advancement for V2H applications. The intelligent interaction of all components (BMW electric vehicle, BMW Wallbox Professional, HEMS from Solarwatt, home storage, and other consumers) creates a holistic system that not only optimizes self-consumption but also takes the flexibility and efficiency of the home energy supply to a new level.

Homeowners control their settings via the My BMW App and the SOLARWATT Home app. With the V2H option, the electric car serves as additional storage for surplus solar power generated by the PV system. In addition to optimizing the interaction of all components, the SOLARWATT Manager allows for the integration of dynamic electricity rates and the incorporation of solar forecasts to further optimize charging and discharging processes, further reduce energy costs, and increase self-sufficiency.

*Solarwatt product portfolio: Designed for V2H and V2G applications*

Solarwatt offers private homes and commercial businesses a complete sector coupling solution that consists of a solar system, battery, charger and a heat pump. The SOLARWATT Manager coordinates the solar optimisation of the entire system, ensuring that the highest possible proportion of low-cost solar energy is used within the home or business at all times.

In addition to controlling solar power, the Solarwatt HEMS also integrates energy market optimisation and, with it, the integration of dynamic electricity tariffs. This enables homeowners and businesses to use the cheapest and cleanest energy available at all times.

The SOLARWATT Battery vision home storage system was developed in collaboration with BMW. Like all Solarwatt products in the "vision" series, the system features high-quality components and is therefore particularly efficient. When combined with the SOLARWATT Inverter vision, the battery charges very quickly and can then discharge this energy just as efficiently when required (1C charge and discharge rate), making it perfectly optimised for applications such as Vehicle-to-Home and Vehicle-to-Grid (V2G). The design of both devices was created for Solarwatt by BMW Designworks, a subsidiary of the BMW Group.

"We have already developed our new vision product portfolio with use cases such as V2H and V2G in mind, as well as for energy market optimisation. It is precisely in these areas that there is significant economic potential for both private individuals and businesses," explains Solarwatt CPO Peter Bachmann.

*Overall Optimization: Electric Car Complements Home Battery Storage*

"Drivers of a Neue Klasse electric car like the BMW iX3 can use the additional storage to make even more efficient use of self-generated solar power, increase self-consumption, and thus reduce their reliance on expensive grid electricity. For many homeowners, the prospect of expanding an existing home battery storage system with an electric car is highly attractive. This significantly increases the benefits of one's own PV system, lowers electricity costs, and makes the home even less dependent on purchasing electricity from the grid," says Solarwatt CPO Peter Bachmann.

"At the same time, bidirectional charging holds enormous potential for the energy transition, as the batteries of electric vehicles collectively form a massive storage reserve. If this flexibility is intelligently integrated into energy markets and households, it can help relieve the strain on power grids, better integrate renewable energy, and make additional storage capacity available quickly and cost-effectively," says Marcus Krieg, Vice President New Business at the BMW Group.

*Market Launch and Future Strategic Direction*

Following the next public milestone at Intersolar (The Smarter E), the focus is on the phased implementation of the next project milestones leading up to the market launch at the end of this year.

BMW and Solarwatt consistently place the customer and their entire ecosystem at the center of their efforts. The partners aim to enable seamless and reliable interaction between all components in the home and in the vehicle. In doing so, they create a consistent, integrated customer experience and strengthen their position as leading companies in the field of connected vehicle and home usage.

**About BMW Group**
With its four brands, BMW, MINI, Rolls-Royce and BMW Motorrad, the BMW Group is the world's leading premium manufacturer of automobiles and motorcycles and also provides premium financial services. The BMW Group production network comprises over 30 production sites worldwide; the company has a global sales network in more than 140 countries. In 2025, the BMW Group sold 2.46 million passenger vehicles and more than 202,500 motorcycles worldwide. The profit before tax in the financial year 2025 was € 10.2 billion on revenues amounting to € 133,5 billion. As of 31 December 2025, the BMW Group had a workforce of 154,540 employees. The economic success of the BMW Group has always been based on long-term thinking and responsible action. Sustainability is a key element of the BMW Group's corporate strategy and covers all products – from the supply chain through production to the end of their useful life.

**About Solarwatt**
Founded in 1993, Solarwatt GmbH is one of Germany's solar pioneers and a leader in innovation for efficient self-sufficiency through solar power, sustainable heating, and electric mobility. The company offers homeowners and commercial property owners premium-quality, integrated systems comprising photovoltaic systems, heat pumps, and electric vehicle charging solutions, supporting customers as a strong regional partner with decades of expertise. Solarwatt covers the entire chain—from component production to the planning and installation of PV systems, as well as support and maintenance—at hundreds of locations across Germany. Further information: www.solarwatt.co.uk

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