

Press release
June 15th 2026

BMW and SOLARWATT present their joint offering for the home network integration of Neue Klasse vehicles at the exhibition The smarter E / Intersolar Europe 2026

+++ BMW and SOLARWATT enable seamless integration of Neue Klasse vehicles and bidirectional wallbox into the SOLARWATT home energy management system (HEMS) +++ Vehicle-to-Home (V2H) becomes even more efficient through the interaction of all components +++ Additional savings potential, greater self-consumption of solar power and higher energy self-sufficiency in the home +++ Available to order from The smarter E / Intersolar Europe +++

Munich/Dresden.

Following the announcement of their expanded collaboration in the field of smart energy and home charging solutions on May 18th this year, BMW and SOLARWATT are now presenting their joint offering.

For BMW, the integration of the vehicle into the home energy system is a key component in the further development of electric mobility. With the electric drive technology of the Neue Klasse, the electric vehicle becomes an active part of the home energy network and thus takes on a new role – going beyond mere mobility.

It serves as an additional energy storage unit and is seamlessly integrated into the SOLARWATT home energy management system (HEMS) – the SOLARWATT Manager – via the BMW Wallbox Professional.

With the launch at The smarter E / Intersolar Europe 2026 from 23 to 25 June 2026 at Messe München (Hall C5, Stand 640), BMW and SOLARWATT are detailing the technical and commercial aspects of their offering, scheduled for late 2026, for the German, Austrian and Dutch markets. The exhibition is one of the world's leading trade fairs for the solar industry and energy management.

More than Vehicle-to-Home (V2H):

HEMS integration optimises energy flows throughout the entire home.

With integration into SOLARWATT's home energy management system, bidirectional charging with V2H becomes even more convenient and efficient for customers. Whilst V2H already enables the use of energy stored in the vehicle within the home via the BMW Wallbox Professional, integration into the HEMS expands the overall system.

The photovoltaic system (PV system), home battery, electric vehicle and other consumers are intelligently coordinated and controlled as a whole. The HEMS optimises all energy flows proactively and in line with individual usage patterns.

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SOLARWATT offers such a HEMS via the SOLARWATT Manager. This automatically controls when a stationary home storage system is charged as a priority and when the electric vehicle is integrated as additional storage.

In addition, solar forecasts can be used to plan available energy even more proactively. If there is insufficient solar power at times – for example during the winter months – dynamic electricity tariffs can also be incorporated to charge the home storage system or vehicle specifically during low-cost periods and subsequently supply the household in a cost-optimised manner.

This not only increases the self-consumption of solar power but also significantly reduces the energy costs of the entire household – unlike Vehicle-to-Grid (V2G), the electricity is used within the household and not fed back into the public grid.

For customers, this means more self-generated solar power, less manual control effort, and an energy system that operates intelligently and automatically in the background as part of everyday life. Another advantage is that the SOLARWATT Manager can be connected to a wide range of components from various manufacturers, thereby enhancing existing home installations—including PV systems and home storage units—with intelligent, flexible energy management.

Neue Klasse vehicle, BMW Wallbox Professional & SOLARWATT Manager as prerequisites for the enhanced optimisation of the home energy system

The collaboration between BMW and SOLARWATT has resulted in a solution that integrates seamlessly into existing home installations whilst combining the strengths of both partners. The technical requirements for HEMS integration with V2H are Neue Klasse vehicle models, the bidirectional BMW Wallbox Professional, and the SOLARWATT Manager as the HEMS.

Homeowners can configure their settings via the My BMW App and the SOLARWATT Home app. In the My BMW App, in addition to the current vehicle and Wallbox settings, users can set a charging target and a departure time, which are always prioritized.

In the SOLARWATT Home app, customers can define household priorities – for example, for appliances and storage systems. This ensures that energy is distributed

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intelligently, reduces the need for manual control, and makes the best possible use of solar power.

Market launch: Orders open from The smarter E / Intersolar Europe 2026

The BMW Wallbox Professional can also be ordered via SOLARWATT – delivery is scheduled from Q4 2026. In existing installations, the SOLARWATT Manager can also be retrofitted. Customers receive an integrated package comprising various components, which is centrally coordinated by SOLARWATT.

At the same time, this package remains flexible, allowing individual components to be combined as required. Furthermore, the offer will be promoted via BMW's digital channels.

Cooperation since 2013 in the field of electromobility and home storage.

The collaboration between BMW and SOLARWATT in the field of electromobility has been in place since 2013. With the concrete details of the offering now presented, both companies are expanding this cooperation to include a further building block for a connected home energy ecosystem. The experts from BMW and SOLARWATT look forward to welcoming you at the exhibition in Hall C5, Stand 640. The joint presentation, featuring the specific product details, at a press talk on 23 June at 3 pm underscores this next step in development. The trade fair will take place from 23 to 25 June 2026 at Messe München.

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The BMW Group

With its brands BMW, MINI, Rolls-Royce and BMW Motorrad, the BMW Group is the world's leading premium manufacturer of cars and motorcycles and a provider of premium financial services. The BMW Group's production network comprises over 30 production sites worldwide; the company has a global sales network with representatives in over 140 countries.

In 2025, the BMW Group achieved global sales of 2.46 million cars and over 202,500 motorcycles. Profit before tax for the 2025 financial year amounted to €10.2 billion, with revenue of €133.5 billion. As at 31 December 2025, the company employed 154,540 people worldwide.

Long-term thinking and responsible action have always been the foundation of the BMW Group's economic success. Sustainability is an integral part of the BMW Group's corporate strategy, from the supply chain through production to the end of the useful life of all products.

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About SOLARWATT

Founded in 1993, SOLARWATT GmbH is one of Germany's solar pioneers and a driving force behind innovation in 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 through to the planning and installation of PV systems, as well as after-sales support and maintenance at hundreds of locations across Germany. Further information: www.solarwatt.de