

PRESS RELEASE

Würth Industrie Service commissions an additional photovoltaic system.

Bad Mergentheim/Main-Tauber-Kreis. Over 2,000 modules on 4,860 square metres with an output of over 1,000 kWp. The new photovoltaic system from Würth Industrie Service GmbH & Co KG at the company headquarters in Bad Mergentheim stands out with these numbers. With impressive dimensions at record level, the system is one of the largest photovoltaic façade systems in the D-A-CH region. The photovoltaic giant has been recently operational and is making a decisive contribution to sustainable energy supply at the company location.

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Sustainability is a strategic success factor for Würth Industrie Service. The company is continuously working to act in a more sustainable manner in all areas of entrepreneurial activity and to implement targeted measures globally. The sustainability strategy published by the company focuses on transparency in all activities. It has been particularly successful in the area of energy generation. To ensure a self-sufficient energy supply, Würth Industrie Service relies on renewable energies and equipped the south façade of the high-bay and shuttle warehouses with an additional photovoltaic system in 2023. With an area of around 4,860 square metres, over 2,000 modules and an output of over 1,000 kWp – corresponding to a predicted yield of around 800,000 kWh per year – the C-Parts partner is setting new standards. This is also confirmed by PARK-SOLAR GmbH, a pioneer in the field of building-integrated photovoltaics (BIPV): "The system recently commissioned by Würth Industrie Service is one of the largest photovoltaic façade systems in the D-A-CH region, if not in Europe – both in terms of area and performance. With a height of 47 metres on one of the façade surfaces, the PV system is one of the highest of its kind," says Jassen Mihaylov, Managing Director at PARK-SOLAR GmbH, a Stuttgart-based civil engineer with experience in glass façades and wide-span roofs. "The PARK-SOLAR façades are ideal for new buildings and can also be integrated into existing buildings thanks to a reinforcing structure. As a retrofitted solution – as in the case of the retrofit façade or BAPV (building-adapted PV) – it offers a sustainable alternative, as it is based directly on the existing building. This adaptation contributes to CO2 compensation by reducing the CO2 embedded in the buildings," explains Mihaylov. The façade construction and the installation of the individual PV modules were completed within 120 days.

"By using highly efficient photovoltaic modules, we can make good use of not only our roof but also our façade surfaces to generate electricity. In 2023, we

were able to save around 500 tonnes of CO₂ emissions. In 2024, it will be considerably more thanks to the new plant," says Martin Jauss, Chairman of the General Management of Würth Industrie Service. The expansion of electricity generation plants provides Würth Industrie Service the opportunity to increase self-sufficiency for internal energy consumption. "Solar energy is expected to contribute significantly towards this", adds Jauss. In addition to the administration and logistics buildings, the self-generated electricity can now also be used to supply the electric car charging points to a large extent.

Several photovoltaic systems with a total output of almost 2,000 kWp and a generation volume of around 1,500,000 kWh are currently installed at the Drillberg site. Even before the current expansion of the photovoltaic system, around 40 percent of the total electricity requirement could be generated independently in 2023, partly using solar energy. Till date, Würth Industrie Service has invested over 2 million euros in the energy generation systems. The C-Parts partner was honoured with the "Excellent Sustainability 2023" award for its sustainable actions. Always being one step ahead and acting with foresight is what the company stands for.

Photo material:



Photo 1: Photovoltaics.jpg

Caption 1: Würth Industrie Service relies on the use of highly efficient photovoltaic systems for self-sufficient energy generation.

Photo source 1: Paul Dürr, Würth Industrie Service GmbH & Co. KG

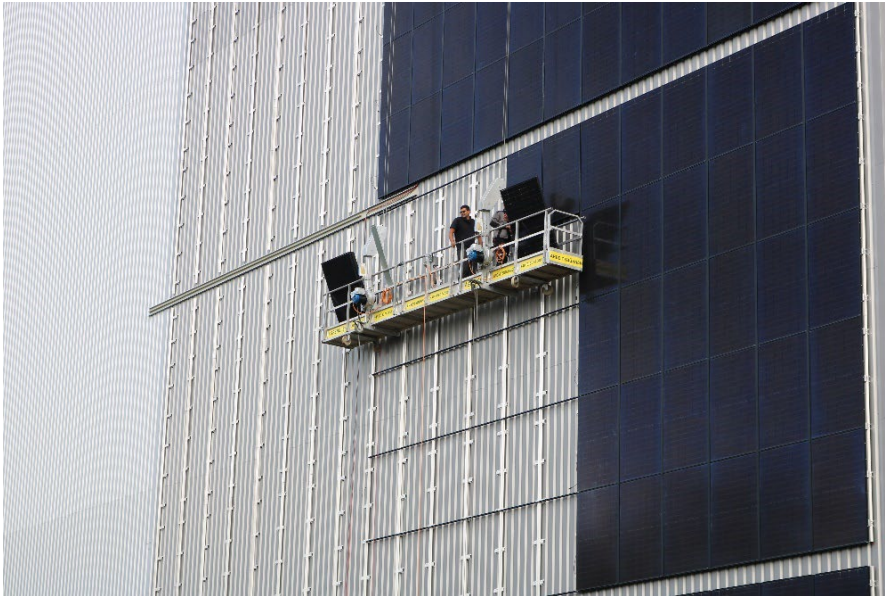


Photo 2: Photovoltaic_Installation.jpg

Caption 2: The façade construction and the installation of the individual PV modules were completed within 120 days.

Photo source 2: Pia Schmitt, Würth Industrie Service GmbH & Co. KG

Brief profile of Würth Industrie Service GmbH & Co. KG

Within the Würth Group, Würth Industrie Service GmbH & Co. KG is responsible for supplying to the industrial sector. Since its foundation in the year 1999, the company is located at the Würth Industrial Park in Bad Mergentheim, Germany with over 1,800 employees. As a one-stop C-Parts provider, the company offers its customers a specialised product range with over 1,400,000 items: from screws and tools to connection and fastening technology, technical chemicals as well as occupational safety solutions. Aside from the extensive standard product range, the strength of the company lies in its customer-specific, logistical and dispositive supply and service concepts as well as special parts. Under the service brand “CPS® - C-Product Service”, the company offers modular solutions, which are customised as per customer-specific requirements. Thereby, the consumption-based and demand-based systems significantly rationalise the processes for purchase, logistics and quality assurance and enable the procurement of small parts in a cost-optimised manner. Logistic and dispositive services such as shelving systems that use scanners or a just-in-time supply using Kanban bin systems play a significant role in increasing productivity.