

Press Release

SOLARWATT reduces the CO₂ footprint of its TOPCon modules further as sustainability remains at the heart of production priorities.

- **Dresden, Germany, 16th April 2025** - SOLARWATT has been offering a new generation of solar modules for just over a year now. The TOPCon modules of the "vision" series not only boast an output of up to 455 watts peak (229 Wp/m²) but also have a significantly lower CO₂ footprint than conventional solar modules. The Europe-wide company has now succeeded in significantly reducing emissions per module again – **from 205 to 193 kg CO₂ equivalents**. The average emission value per solar module for other manufacturers is typically more than 600 kg CO₂ equivalents.

- "We are very proud to offer even greener solar modules – and with a value of 193 currently unavoidable CO₂ equivalents, we can demonstrate how sustainable solar module production can be. However, this isn't a coincidence; rather, a lot of hard work and our more than 30 years of experience in module production go into this process," explains **Gregor Kuschmann, Product Manager Panels at Solarwatt**.

The CO₂ footprint is calculated according to the PPE2 standard and considers all emissions generated during the production and processing of all components of Solarwatt modules – with the exception of the aluminium frame. Transport from the factory to the Solarwatt logistics centre near Dresden generates an additional 4 kg of CO₂ per module. The improved CO₂ footprint of Solarwatt modules is now due to a higher proportion of renewable electricity used in module production.

The glass-glass modules of the "vision" series with TOPCon cells are available as bifacial half-cell modules in the style (from 450 Wp) and pure (from 455 Wp) versions and feature a robust 35 mm aluminium frame, ensuring maximum stability. The product warranty for the durable double-glass modules is 30 years. Furthermore, Solarwatt guarantees a module output of at least 90 percent after 30 years: "With this, we are also setting a new standard in the field of TOPCon modules," says Gregor Kuschmann.

About SOLARWATT

Solarwatt is a leading provider of high-quality photovoltaic systems and energy solutions in Europe, with a commitment to creating a sustainable energy future through technological innovation and strategic partnerships. With over three decades of experience, Solarwatt continues to drive the transition to renewable energy by developing integrated solutions that enhance energy efficiency, reduce carbon emissions, and promote energy independence. Solarwatt operates subsidiaries in 10 European countries and has a large network of solar professional installer experts across the continent.

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