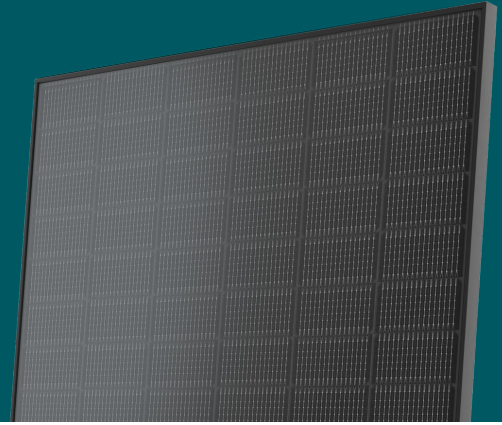


Robust, sustainable, fair

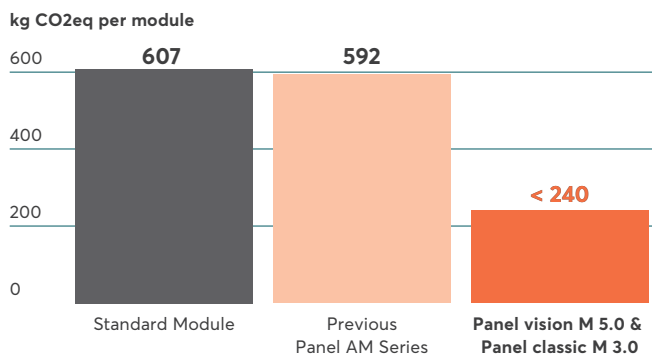
SOLARWATT Panel vision 5.0
SOLARWATT Panel classic 3.0



Low CO2 Footprint

SOLARWATT panels have a very low CO2 footprint. This means that after less than one year and three months, the electricity generated has already saved as much CO2 as was generated during the manufacturing and delivery of the module. From this point onwards, the PV system is CO2-neutral and actively contributes to climate protection.

In some European countries, there are already tendering and subsidy conditions that stipulate a maximum CO2 value per module, e.g. the PPE2 standard in France. SOLARWATT panels fulfil these requirements and are also prepared for future standards and subsidies in Germany.



< 220 kg CO2eq
per module

(without frame,
with frame: <= 240 kg CO2eq)

In **< 1 ¼** years

of operating time, Solarwatt modules already save more CO2 than was necessary for their production



Zero-Carbon Factories

Our modules are produced in zero-carbon factories. These are production facilities that do not produce any CO2 emissions. This is achieved through various measures, such as:

- Use of renewable energies to power our factories, such as solar and wind power
- Energy-efficiently production processes
- Offsetting unavoidable emissions, such as through reforestation projects

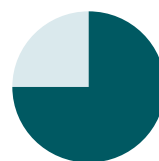
Confirmed by TÜV SÜD



Made from recyclables

Recycling is important to us. Even today, a large proportion of raw materials can be replaced with high-quality recycled materials.

Many materials get a second life in our modules:



75%

recycled **aluminium** in our module frames



45%

recycled **silicon** for the production of our solar cells



20%

recycled **glass** used in our PV modules



A 30-year guaranteed service life means less environmental impact and more yield.

Disposal & Recycling secured

At the end of their long service life, photovoltaic modules should be disposed of responsibly, ensuring that their raw materials are effectively recycled and reintroduced into the production cycle.

In accordance with the EU WEEE Directive, Solarwatt already deposits a sum of money for each module sold in order to guarantee future disposal and recycling.

Homeowners or installation companies can dispose of defective modules free of charge at all electronic waste collection centres.



Fair working conditions

With our commitment to environmentally friendly products and fair working conditions, we at Solarwatt emphasise our claim to be a pioneer in sustainable photovoltaics. We go far beyond the legal requirements and make an important contribution to a sustainable energy supply.

We purchase raw materials exclusively from suppliers who are committed to the employment standards of the International Labour Organisation (a UN institution).

In all international production facilities, we not only guarantee the exclusion of child and forced labour, but also appropriate payment and organised representation of employee interests.

Through regular inspections of working conditions and ongoing checks on product quality, we ensure that all standards are met.

Fair wages | No forced labour | No child labour | Employee representation
in the entire supply chain



Silicon



Silicon Ingot



Wafer



Solar Cell



Solar Module

Regular inspections by Solarwatt employees on site and by independent testing institutes.



By purchasing Solarwatt modules, you are making a global, active contribution, in compliance with social standards, working towards a sustainable future.