

## Lightweight PV modules with front made of tempered glass

Glass-coated lightweight modules, only 3.5 mm thick

## PV made easy!

Lightweight photovoltaic modules offer a variety of advantages, from their flexibility and efficiency to their aesthetic integration and economic profitability.

Many commercial roofs in Europe no longer have sufficient load reserves for additional solar systems. With our **glass-coated** lightweight modules, electricity can be **generated on load-limited roofs** for 3 to 7 euro cents per kWh.



Lightweight modules on PVC foil

## SOLight PV lightweight modules:

- Do not have aluminum profile edging (frameless),
- have a front cover made of tempered glass, **with following advantages:**
  - flexible but optimum stiffness and
  - smooth, stain-resistant surface,
- are semi-flexible in length and width and can adapt to curves or uneven surfaces,
- typically weigh approx. **3 to 5 kg/m<sup>2</sup>** incl. adhesive,

Our lightweight modules with glass fronts offer you the **best value for money on the market**. This means that larger systems can generate solar power for around +/- 5 euro cents/kWh.

- are bonded with special adhesives after cleaning the roof,
- have an efficiency of over **22 %**, similar to conventional high-performance modules,
- Come with similar manufacturer warranties as conventional modules, e.g., with a 15-year product warranty and a 30-year performance warranty.



Special adhesive

directly bonded to the roof

## Adhesive modules for all surfaces!

Many substrates are suitable for bonding the modules: trapezoidal sheets, PVC films, and bitumen with and without sand – and there are even suitable solutions for FPO films with our special adhesives. Advantage: The roof covering is not penetrated.

If the roof is very flat, an **intermediate structure** prevents the modules from lying in water and improves rear ventilation. For steeper roof pitches, direct bonding is preferable.



Lightweight modules on FPO foil

## Our Lightweight PV modules benefit all types of customers

Ideal for industrial and commercial enterprises as well as public buildings with high electricity requirements, as they consume a large proportion of the electricity themselves. The payback period on equity capital is often only around one year.

Example Germany

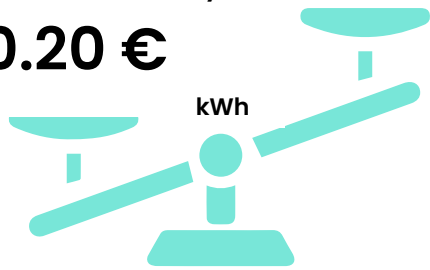
Price of solar power from lightweight modules

Example price for commercial electricity

0.20 €

0.05 €

kWh



We would be happy to provide you with an indicative price. On request, we can also draw up a detailed plan for a nominal fee.



### SOLight PV GmbH

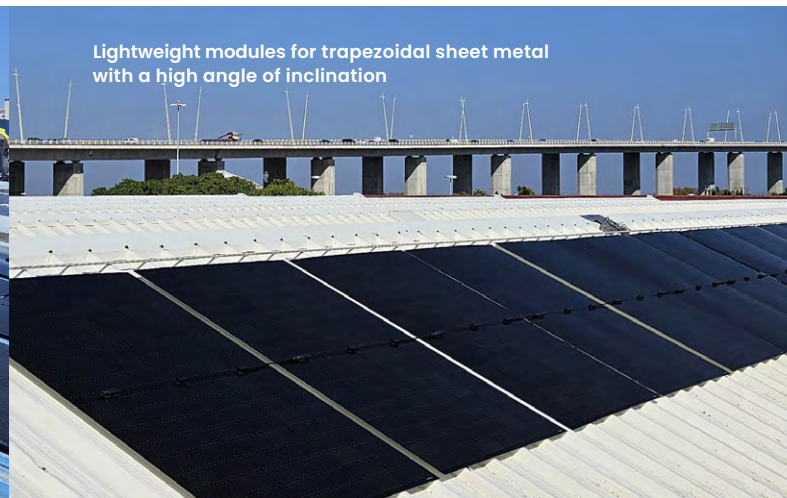
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**SOLightPV**  
by SunOyster



# Lightweight PV

No clamps. No ballast.

**Just glue it!**