



Rugged Lightweight Champion

The perfect solution for flat roofs with low load-bearing reserves.

sunposet[®]
made by kösslinger energy



Sunposet®

High yield with minimal surface load.

SUNPOSET® is a modular system for solar plants installed on flat roofs. Our patented technology ensures a high energy yield. SUNPOSET® can be used for all makes of solar module.

The integral design provides for quick and easy installation; no roof-penetrating elements are required. Lightweight, yet robust materials such as stainless steel and aluminum make it possible for each box to carry over 400 kg while withstanding wind and corrosion.

SUNPOSET® is uniquely adaptable and allows solutions to be realized for any flat roof, in any size, and on any surface.

SUNPOSET® – your benefits at a glance.

Easy planning

- Modular system enables obstacles to be taken into account
- Compact dimensions
- Minimal shading effect facilitates optimal utilization of your roof
- SUNPOSET® can also be used for solar thermal solutions
- SUNPOSET® angle with 10° and 15° inclination
- Can be used on flat roofs to 10°
- Roofs can comprise bitumen, foil, gravel, extensive amounts of grass, trapezoidal sheeting, and ribbing
- SUNPOSET® has been aerodynamically and statically tested



Prof. Dr. rer. oec. Dipl.-Ing. R.-D. Lieb

Top quality – Made in Germany

- SUNPOSET® is custom-made to meet your specific requirements
- Guaranteed not to rust. High-quality aluminum and stainless steel alloys ensure a long service life for your plant

Inexpensive installation

- Self-supporting construction eliminates the need for further anchoring; additional roof load is only 7 to 8 kg per square meter
- Quick installation (approx. 3 man hours per kWp, incl. wiring up to the inverter)
- Capable of adapting to uneven areas
- The solar plant remains on the roof during roof renovation work

Safe operation

- Roof drainage is not compromised
- Optimal heat dissipation under module thanks to chimney effect
- Wind creates downforce – the higher the wind speed, the more stable the installation becomes (aerodynamics)
- Modules are interconnected using spacer struts for high stability

Low maintenance

- Solar modules can be quickly and easily accessed at any time
- Adapted construction eliminates soilage caused by splashing water



Sunposet®

Guaranteed reliability and performance.



Full service from a single source.

We are specialists when it comes to unique solar plant designs that integrate photovoltaic and solar thermal technology and have more than 20 years of experience in applied engineering and construction.

We offer professional solutions in all areas of regenerative energy as partner in a global network.

From planning through to commissioning – everything from a single source, with one contact person.

- We will design an entire solar plant and compile all necessary documentation required for the installation – with your roof in mind.
- We can also calculate your roof's load-bearing capacity for your solar plant with SUNPOSET®.
- We provide you with exactly what you need – from individual components to turn-key solar plants.
- We employ trained specialist personnel who will assume full installation and commissioning of your solar plant as required.





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