



Tiltable Photovoltaic-System (Land)

System

The mobile and tiltable photovoltaic system SKipp is the alternative to conventional open-field and Agro-PV systems. Installed without ground anchoring in a vertical east-west orientation.

For dual agricultural use, the SKipp system can alternatively be installed with anchoring. The PV module still deflects under wind loads. Anchoring can be advantageous for the agricultural management of the area.



Applications

Use in Protected Areas (without anchoring)

The substructure does not require anchoring, making it suitable for use in landscape and water protection areas as well as on former landfills. The materials used are environmentally friendly.

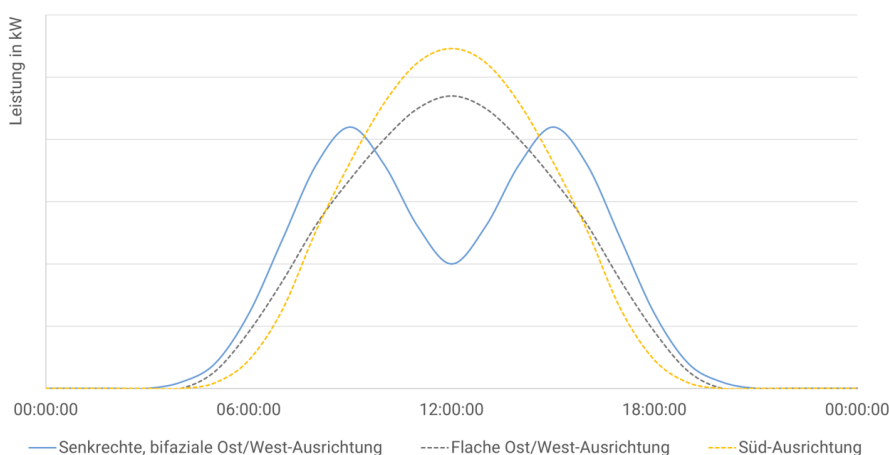
Dual Use as Agri-Photovoltaic (with or without anchoring)

The row spacing generated by the photovoltaic system allows for parallel agricultural use of the area. Privileging up to 2.5 hectares is possible.

Temporary Use (without anchoring)

The mobile and adjustable design allows for the temporary use of the photovoltaic system on areas that are only available for a limited time.

Highest yield and grid-friendly profile

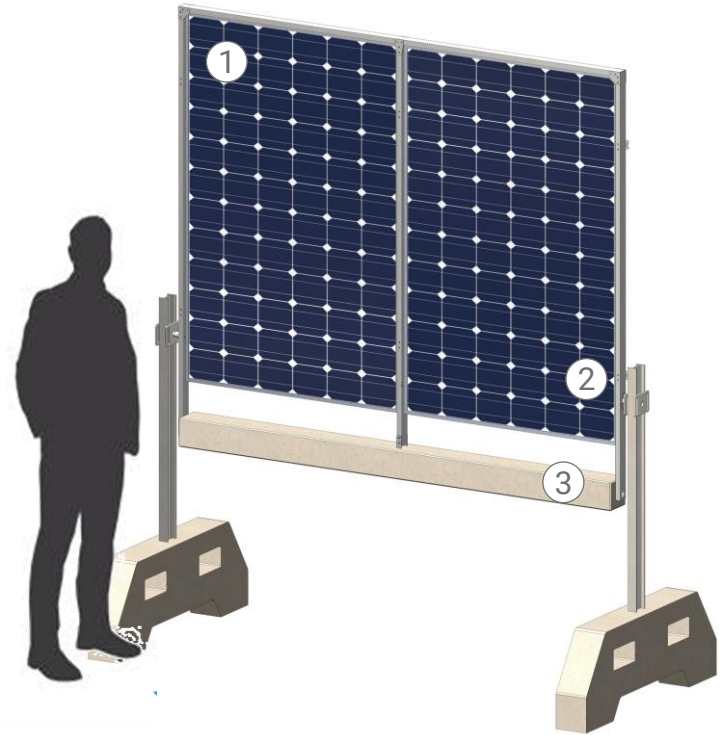


Our long-term measurements clearly show that the power yield is higher compared to south-facing systems. A significant portion of the power yield occurs in the morning and afternoon (blue line), when feeding into the grid is particularly profitable. Conventional south-facing systems achieve their highest power yield at midday (yellow line). However, there is an oversupply at that time, which negates the price advantage.


Agro-PV | Landscape and Water Protection Areas | Former Landfills


Construction


- ① **Bifacial Photovoltaicmodules**
(2x 2m²)
- ② **The maintenance-free sliding bearing** allows the module to shift under wind load.
- ③ **Return weight** for vertical alignment of the module in an unloaded state




Key facts

 **0,91 kW_p** per Unit
0,36 kW_p/m length-specific

 **2,99 m* x 2,5 m x 1,2 m**
 Height x Width x Depth

 **450 kg**
 per Unit

 **9,5 ct/kWh***
 Secured compensation



*Taking into account the requirements of the EEG Act after its amendment

High storm and snow resistance

Under high wind loads, the module shifts in a way that ensures high storm resistance despite the lightweight construction. At the same time, the risk of the system tipping over is eliminated. Snow loads are not a concern with vertical mounting.

