



Tilting photovoltaic system (water)

System

The mobile and tiltable photovoltaic solution SKipp is the alternative to conventional floating photovoltaic systems: The vertical east-west orientation creates a profitable generation profile, and surface sealing is also minimized.

Applications

Use in moderate marine environments

Due to the flexible deflection angle, the photovoltaic modules can also be used in areas with light to medium waves, including lagoons and harbor areas.

Developed in harmony with nature conservation and environmental protection

Due to the vertical installation and the required row spacing, the surface sealing of the water body is minimal. As a result, the oxygen content of the water is preserved. The float is made of food-grade material.

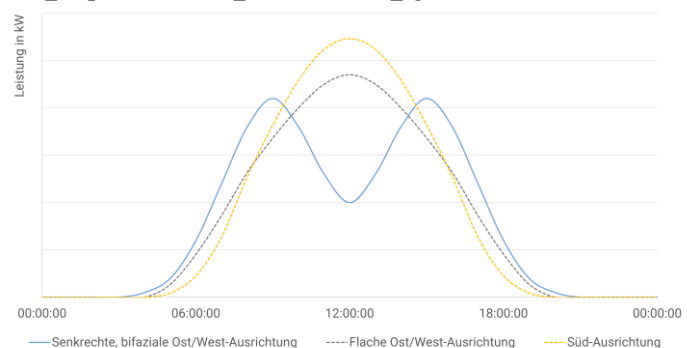
Advantages

High snow and storm resistance



In case of high wind loads, the deflection of the module takes place so that a high storm and wave resistance is given. At the same time, the system cannot tip over. Snow loads do not play a role with vertical mounting.

High yield with grid-serving profile



Our long-term measurements show that the electricity yield is higher compared to south-facing systems

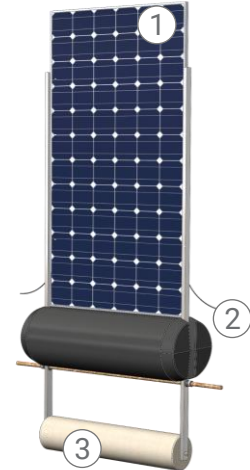
A large part of the electricity yield is generated in the morning and afternoon, when the grid feed-in is particularly profitable.

Quarry lakes | Open-cast lakes | Harbour areas | Lagoons


Construction


- ① **Bifacial photovoltaic module**
(3m²)
- ② **Flexible rope connection** allows the module to deflect under wind load
- ③ **Restoring weight** for vertical alignment of the module in the unloaded condition


significantly higher yield



Key facts

 **0,68 kW_p** per unit
0,35 kW_p/m length-specific

 **3,5 m x 1,5 m x 0,6 m**
Height x Width x Depth

 **200kg** (Floats made of drinking water friendly-material)

