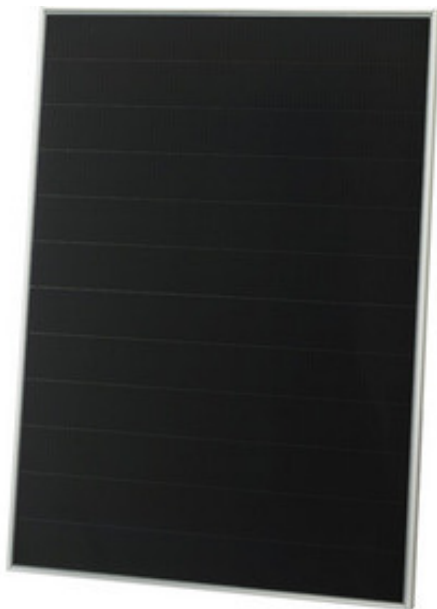




- Tandem structure with an amorphous and a microcrystalline silicon layer offering a stabilised module efficiency of 9.0 %.
- Optimised for grid-connected roof mounting PV systems.
- Use of white glass, EVA plastic and weather protection film as well as a silver anodised aluminium frame for long-term use. This guarantees simple and safe installation.
- Module can be operated and installed by one person (1.42 m², frame width 1 m, weight 19 kg).
- Higher energy yields per watt, at both high temperatures and with diffuse light.
- Output: connection cable with waterproof plug connector.

Tandem structure with an amorphous and a microcrystalline silicon layer offering a stabilised module efficiency of 9.0 %.

General

- Nominal Output (Wp): **128**
- Module Efficiency (%): **9,0**
- Weight (kg): **19**

Electrical Characteristics

- Open Circuit voltage Voc (V): **59,8**
- Short circuit current Isc (A): **3,45**
- Maximum power voltage Vpm (V): **45,4**
- Maximum power current Ipm (A): **2,82**
- System Voltage (V DC): **1000**

Physial Dimensions

- Cell type: **Tandem cell of amorphous and microcrystalline silicon.**
- Dimensions (LxHxW) (mm): **1409x1009x46**

Thermal coefficients and characteristics

- α_{Pm} (%/°C): **-0,24**
- α_{Isc} (%/°C): **0,07**
- α_{Voc} (%/°C): **-0,30**
- Operating temperature (°C): **-40 to +90**
- Storage temperature (°C): **-40 to +90**
- Storage air humidity (%): **up to 90**