



Clay roof tiles

Concrete roof tile

**Solar systems**

# **S-Tile PV**

The esthetic energy system

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# S-Tile PV

The esthetic energy system



Swift and easy installation with 3 screws.

## Characteristics:

- Modules interlock with the roof tiles
- Optimal solar return with highly efficient monocrystalline solar cells
- Harmonic esthetics:
  - Black frame - black cells - black backsheet
- Cell efficiency 22,1 %
- Product guarantee: 10 years
  - Performance guarantee:
    - 10 years 90 % of rated performance
    - 25 years 80 % of rated performance

Technical Data	S-Tile PV
Module performance	90 Wp
Rated working current (Imp)	9,01 A
No-load working voltage (Voc)	11,97 V
Short circuit current (Isc)	9,70 A
Maximum voltage (Vmp)	10,02 V
Maximum tested system voltage	1000 V
Recommended system voltage	up to ca. 600 V
Temperature coefficient (Voc)	- 0,30 %/°C
Temperature coefficient (Isc)	+0,06 %/°C
Temperature coefficient (Pmpp)	- 0,39 %/°C
Hail resistance	according to IEC 61215 + IEC 61730
Cell efficiency	22,1 %
Module weight	8,5 kg
Module measures	cover width 5 tiles ca. 1500mm cover length 330 mm - 345 mm
Roof pitch	≥ 22° (flower roof inclinations on request)
Plugs	MC4
Module cable	2 x 4,0 mm <sup>2</sup> je 550 mm long

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STC: Intensity of radiation 1.000 W/m<sup>2</sup>,  
module temperature 25 °C, airmasses = 1.5  
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