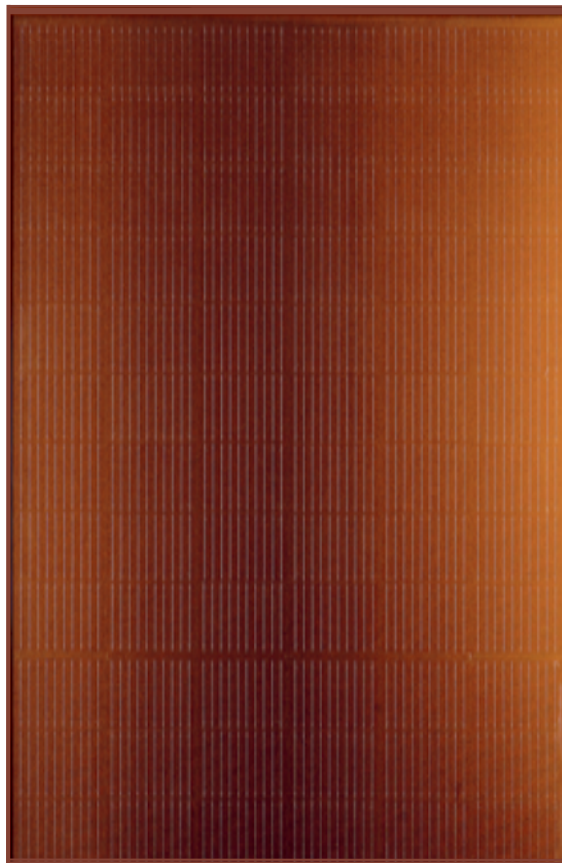


SolarRoof Solrif Glass/Film N-Typ 400 W Terakotta



Integrated in-roof solar solution

- Powerful because of TOPCon cell technology
- High module efficiency up to 20,48 %
- 3.2 mm tempered and highly transparent solar glass
- Mechanical load capacity of 5400 Pa
- Hail class 4
- Aesthetic design
- Easy assembly
- Rainproof like a tiled roof
- Full cost coverage in the event of a warranty claim

Certificates

- Power increase 0 Wp - 4.99 Wp
- Excellent temperature behavior
- PID free
- LID free

- ISO 9001: 2015: Quality management system
- ISO 14001: 2015: Environmental management system
- ISO 45001: 2018: Management system for health and safety
- IEC 61215, IEC 61730

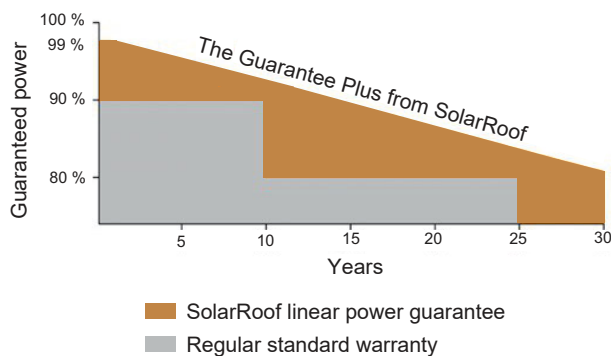


Solrif made by **Schweizer**



Guarantee from Germany

- 20 years product warranty
- 30 years power warranty



ELECTRICAL DATA @ STC

Rated power P _{mpp} / Wp	400
Voltage open circuit, V _{oc} / V	38,42
Short circuit current, I _{sc} / A	12,56
Max. voltage, V _{mpp} / V	32,55
Max. current, I _{mpp} / A	12,29
Module efficiency up to / %	20,48
Temperature range	-40 °C to +85 °C
Max. system voltage	1000 V DC / 1500 V DC
Fire protection class	Class C
Max. reverse current I _r	25 A

Standard Test Conditions (STC): 1000 W/m² - AM 1.5 - 25 °C - tolerance: P_{max} (±3 %), V_{oc} (±4 %), I_{sc} (±5 %)

TECHNICAL DATA

Cell / Type	Monocrystalline N-type TopCon / half cells
Number of cells	108 (6 x 18)
Dimensions	1766 x 1160 x 17 mm
Weight	20 kg
Front Backsheet	3.2 mm tempered glass with anti-reflective coating Black Tedlar film
Junction box / diodes	IP68, 3 diodes
Cable	4 mm ² solar cable, 1200 mm long
Connector	MC4

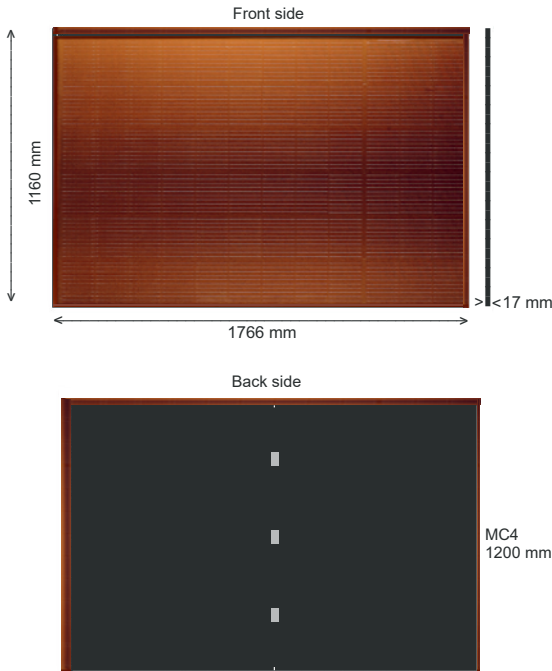
TEMPERATURE COEFFICIENTS

Nominal operating temperature cell (NOCT)	47°C±2°C
Temp. Coefficient, (P)	-0.29%/°C
Temp. Coefficient, (V)	-0.25%/°C
Temp. Coefficient, (I)	0.045%/°C

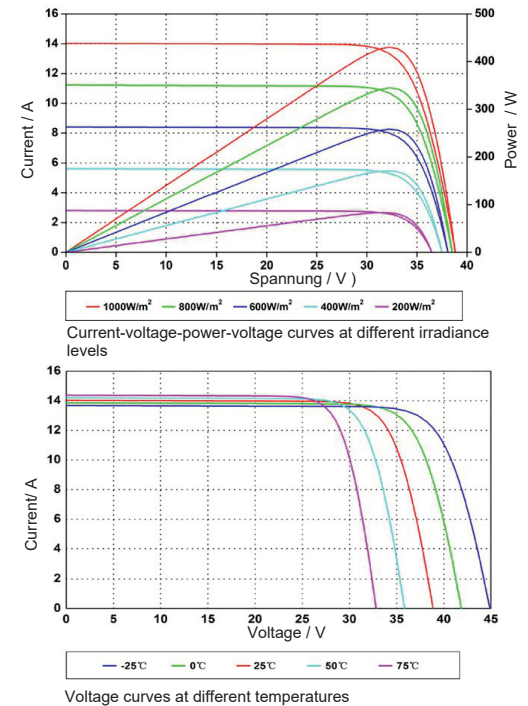
PACKAGING

Modules / Euro pallet	23 pieces
Modules / Shipping container	598 pieces

DRAWING



DIAGRAMS



Technical data are average values and may vary slightly.
Measuring tolerance of the nominal power depending on the measuring apparatus +/-3 % and other values +/-10 %