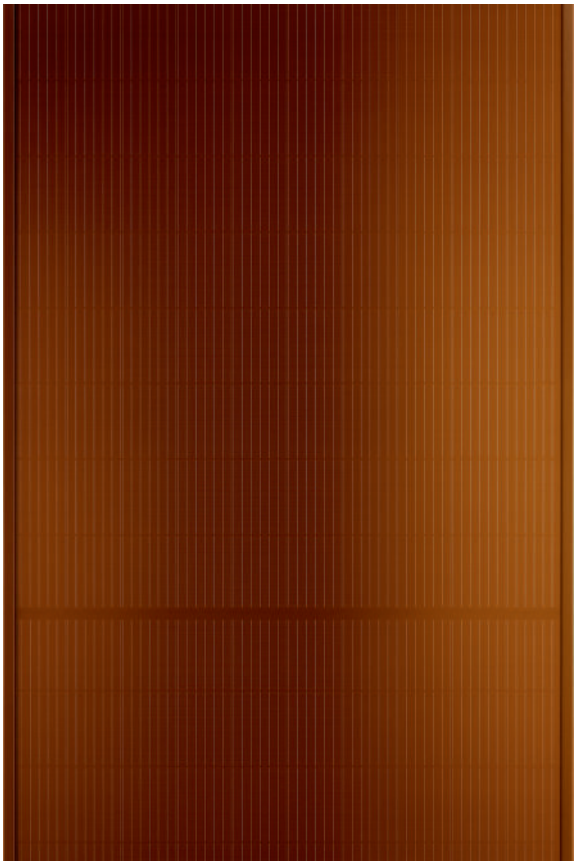
SolarRoof Solrif Glass/Glass N-Type 400 W Terracotta V1



Integrated in-roof solar solution

- Powerful because of TOPCon cell technology
- High module efficiency up to 20,48 %
- 3,2 + 2 mm tempered and highly transparent solar glass
- Mechanical load capacity of 8000 Pa
- Hail class 4
- Aesthetic design
- Easy assembly
- Rainproof like a tiled roof
- Full cost coverage in the event of a warranty claim

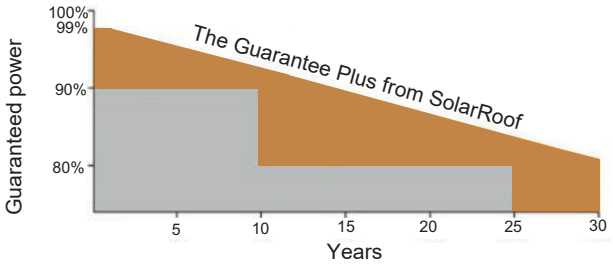
Solrif made by Schweizer

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

Certificates

- 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

Guarantee from Germany



- 30 years product warranty
- 30 years power warranty

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ELECTRICAL DATA @ STC

Maximum power, Pmpp / Wp	400
Voltage open circuit, Voc / V	38,42
Short circuit current, Isc / A	12,56
Max. voltage, Vmpp / V	32,55
Max. current, Impp / A	12,29
Module efficiency up to / %	20,48
Temperature range / °C	-40 up to +85
Max. system voltage DC / V	1500
Fire protection class	Class C
Max. reverse current Ir / A	25

Technical data according to STC (Standard Test Conditions) Irradiation 1000 W/m² I Module temperature 25 °C I Air Mass 1.5

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 / kg	28
Frontsheet Backsheet	3,2 mm tempered glass with anti-reflective coating 2 mm tempered glass
Frame	Anodized aluminum
Junction box / diodes	IP68, 3 diodes
Cable	4 mm² solar cable, 1200 mm long

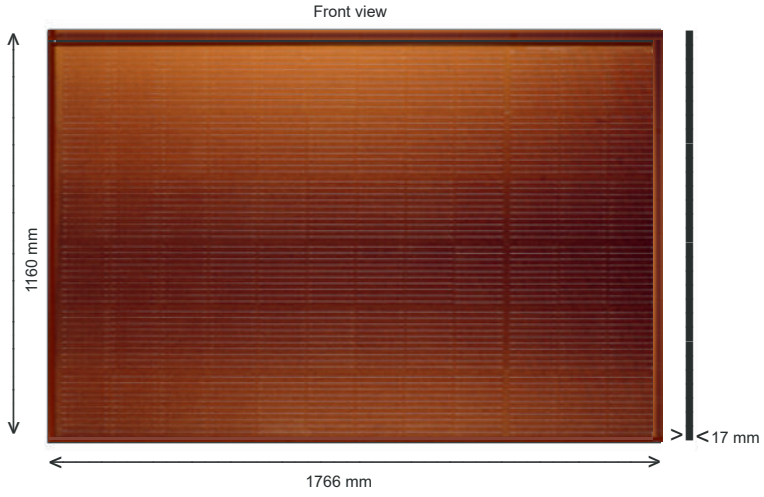
TEMPERATURE COEFFICIENTS

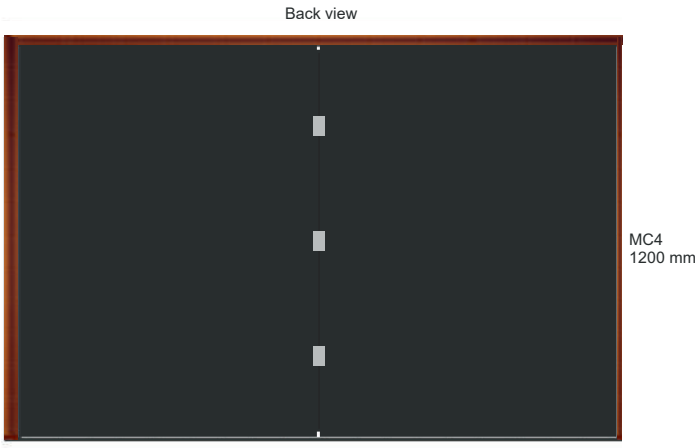
Nominal operating temp. cell (NOCT)	43°C±2 °C
Temp. Coefficient, (P)	-0,29 %/°C
Temp. Coefficient, (I)	-0,25 %/°C
Temperaturkoeffizient (I)	0,045 %/°C

PACKAGING

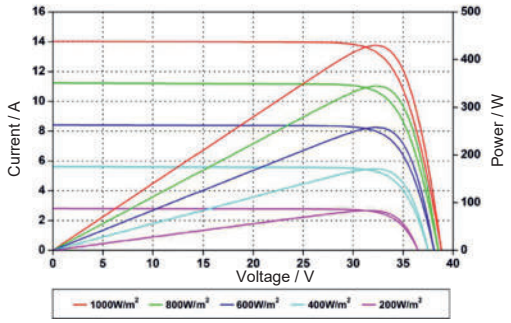
Modules / Pallet	32 pieces
Modules / Shipping container	832 pieces

DRAWING

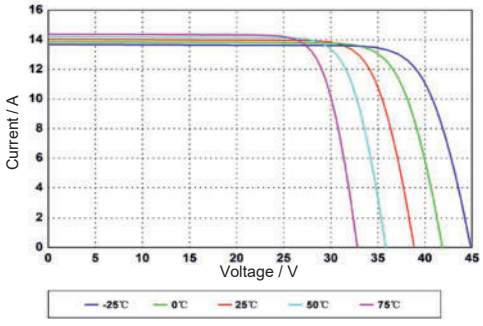




DIAGRAMS



Current-voltage-power-voltage curves at different irradiance levels



Voltage curves at different temperatures

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 %

Stand 04/2025-1 #202517