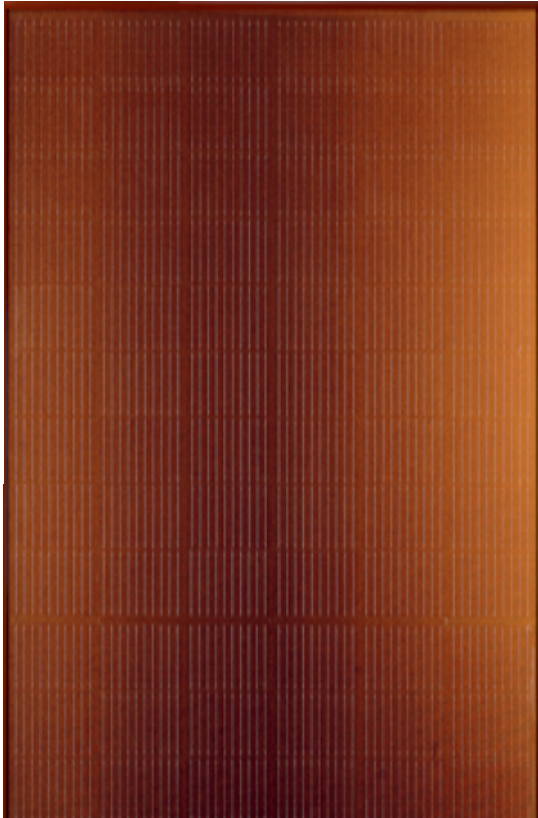


SolarRoof Glass/Foil N-Typ 400 W Terracotta



- 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
- Full cost coverage in the event of a warranty claim

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

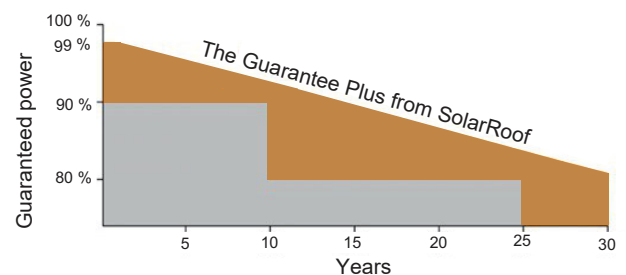
Certificates

- 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

- 20 years product warranty
- 30 years performance warranty



- SolarRoof linear power guarantee
- Regular standard warranty

ELECTRICAL DATA @ STC

Rated power, P _{mpp} / W _p	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 VDC / 1500 VDC
Fire protection class	Class C
Max. reverse current I _r	25 A

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

TECHNICAL DATA

Cell / Type	Monocrystalline N-type TopCon / half cells
Number of cells	108 (6 x 18)
Dimensions	1722 x 1134 x 30 mm
Weight	20.5 kg
Front Backsheet	3.2 mm tempered glass with anti-reflective coating black Tedlar film
Frame	Anodized aluminum
Junction box / diodes	IP68, 3 diodes
Cable	4 mm ² solar cable, 1200 mm long

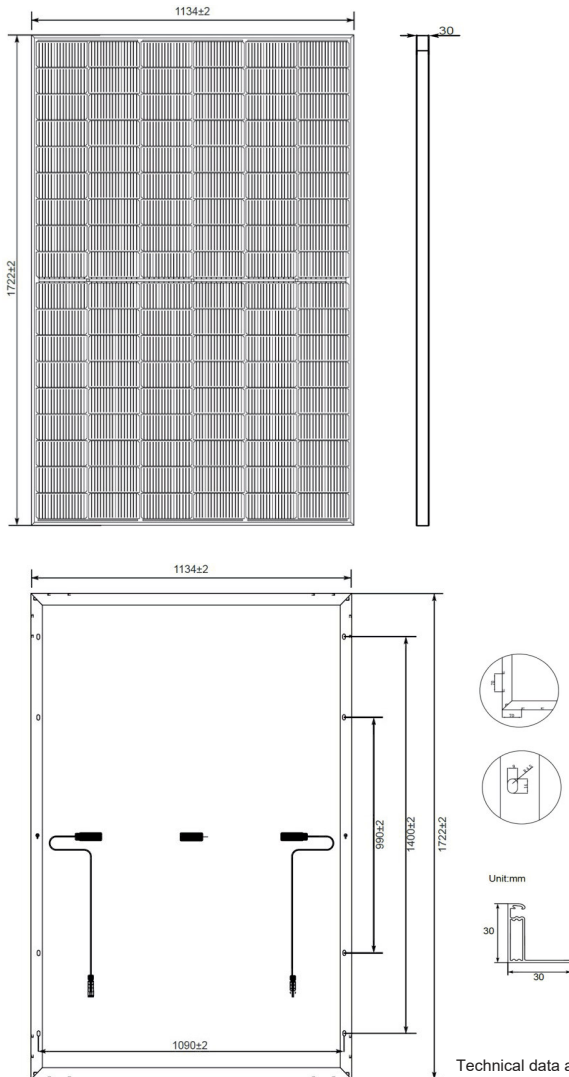
TEMPERATURE COEFFICIENTS

Nominal operating temperature cell N _{oc} / °C	43 (32) °C
Temp. Coefficient, (P)	-0.29%/°C
Temp. Coefficient, (V)	-0.25%/°C
Temp. Coefficient, (I)	0.045%/°C

PACKAGING

Modules / Euro pallet	36 pieces
Modules / Shipping container	936 pieces

DRAWING



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 %

DIAGRAMS

