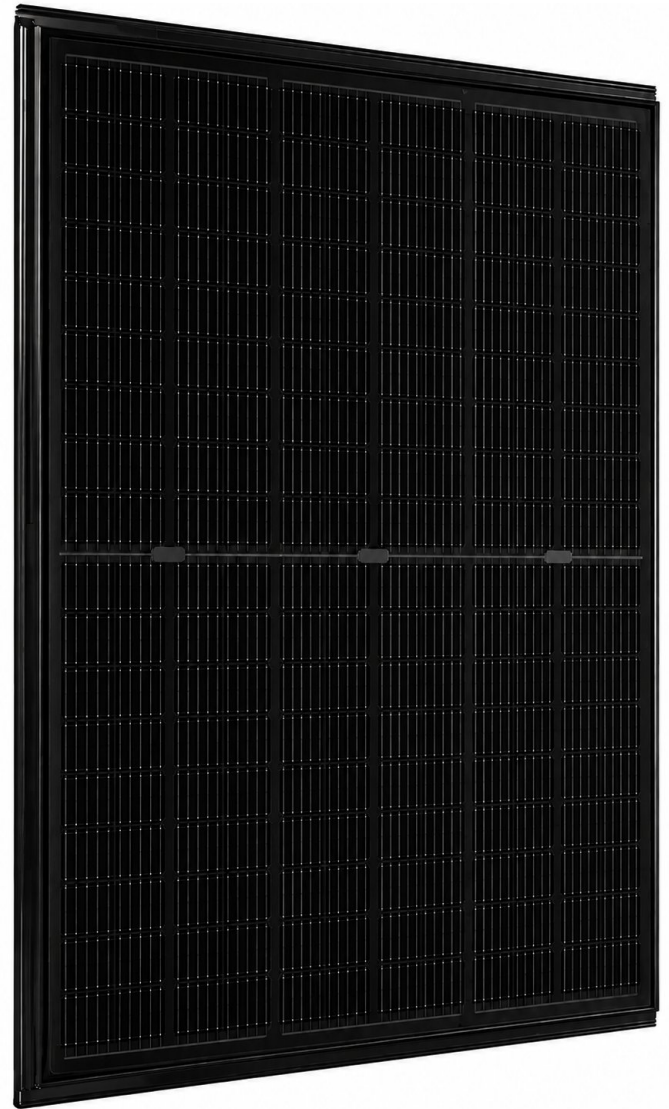


SolarRoof Solrif „D“ Glass/Glass bifacial N-type 460 W - v2



- Powerful because of TOPCon cell technology
- High module efficiency up to 23,02 %
- 3,2 + 2 mm solar glass
- Original EVO2A MC4-connector
- Mechanical load capacity of 8000 Pa
- Full cost coverage in the event of a warranty claim



Solrif made by **Schweizer**

Linear performance guarantee of 30 years



German guarantor



ELECTRICAL DATA @ STC

Rated power / W	460
Voltage open circuit, Voc / V	36,30
Short circuit current, Isc / A	15,99
Max. voltage, Vmpp / V	30,39
Max. current, Impp / A	15,14
Module efficiency up to / %	23,02
Temperature range / °C	-40 bis +85
Max. system voltage DC / V	1500
Fire protection class	Class A
Max. reverse current Ir / A	30

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

ELECTRICAL DATA @ NOCT

Module power, Pmax / Wp	348,90
Open circuit voltage, Voc / V	38,50
Short circuit current, Isc / A	12,88
Maximum power voltage, Vmpp / V	28,60
Maximum power current, Impp / A	12,18

Technical data for NOCT (Nominal Operating Cell Temperature) Irradiance 800 W/m² | Wind speed 1 m/s | Ambient temperature 20 °C | Cell operating temperature 43 +/-2 °C | Air Mass 1.5

TECHNICA DATA

Cell / Type	Monocrystalline N-type TopCon / half cells
Number of cells	96 (2 x 48)
Dimensions	1806 x 1160 x 20 mm
Weight	30 kg
Front Backsheet	3.2 mm tempered glass 2 mm tempered glass
Junction box / diodes	IP68, 3 diodes
Cable	4 mm ² solar cable, 1200 mm long
Connector	Original EVO2A MC4-connector

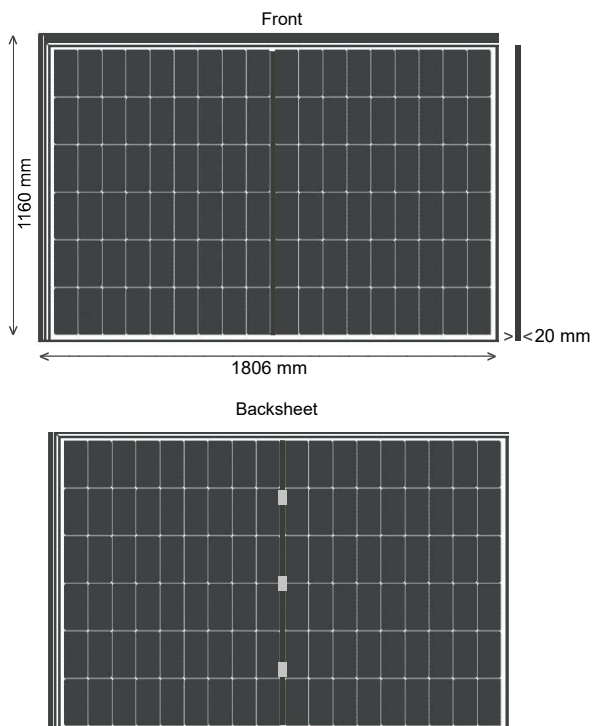
TEMPERATURE COEFFICIENTS

Nominal operating temp. cell (NOCT)	45°C+- 2°C
Temp. coefficient, (P)	-0,26%/°C
Temp. coefficient, (V)	-0,20%/°C
Temp. coefficient, (I)	0,050%/°C

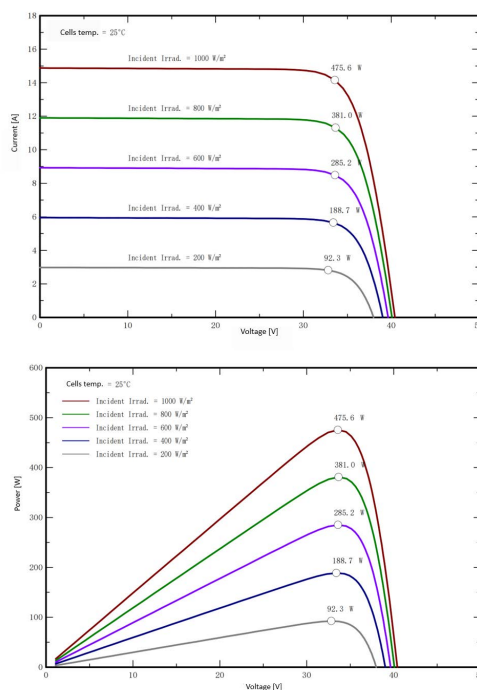
PACKAGING

Modules / Pallet	32 pieces
Modules / Shipping container	832 pieces

TECHNICAL 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 %