



Black

Swiss solar module for aesthetically demanding applications

Outstanding self-cleaning properties due to frameless module design

- High-efficiency monocrystalline cell technology
- 16,2 % module efficiency
- Black module design with concealed cross-connectors
- Extremely high load carrying capacity due to 5 mm tempered solar glass
- Sole manufacturer of solar modules with a certified hail resistance class HW 4 (40 mm diameter hailstones)
- TÜV Rheinland certified Swiss quality product from Thun
- Punctual delivery



Specifications

Properties	
Dimensions	991 x 1656 x 6.5 mm
Glass thickness	5 mm
Glass properties	Tempered solar safety glass, AR*

Electrical specifications	
Nominal output	265 Wp
Voltage U_{mpp}	31.6 V
Current I_{mpp}	8.4 A
Open circuit voltage U_{oc}	38.3 V
Short circuit current I_{sc}	9.0 A
Maximum system voltage	1000 V
Reverse current overload	18 A
Tolerance nominal output	±3 %

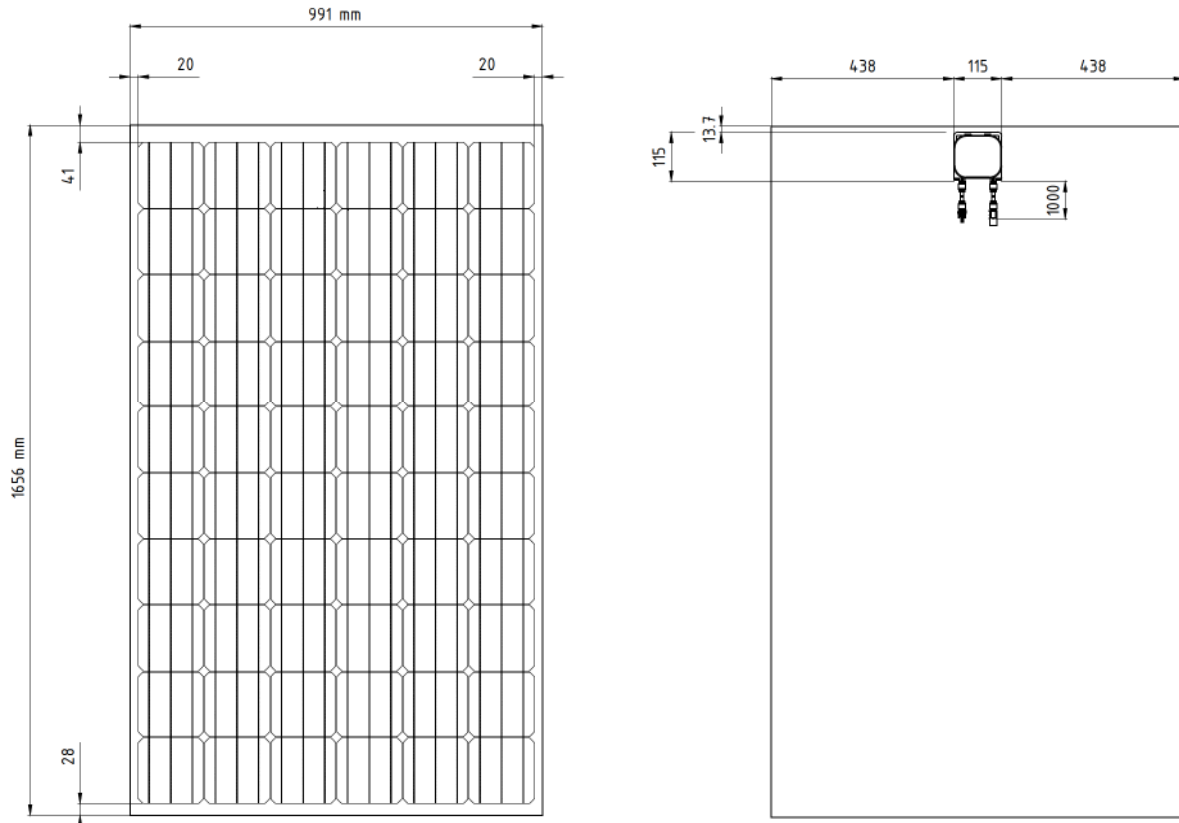
Temperature coefficients	
$\alpha (I_{sc})$	+0.033 %/K
$\beta (U_{oc})$	-0.241 %/K
$\gamma (P_{mpp})$	-0.370 %/K

* With antireflective coating (AR).

Electrical performance characteristics at STC (1000 W/m², 25°C, AM 1.5).
Measurement protocols are available on request.



Mechanical specifications	
Backsheet	Highly insulating multilayer laminate / anthracite
Laminate structure	Glass / EVA / cells / EVA / backsheet
Weight	23.6 kg
Cell type	156 x 156 mm monocrystalline
Cell connection	60 cells, serial
Junction box	Solarlok 4-Rail with 3 bypass diodes
Connection cables	Solarlok 4 mm ² , length 1 m each
Connectors	Solarlok PV4
Certified pressure load	5400 N/m ²
Hail resistance class	HW 4 (withstands 40 mm diameter hailstones)



Certifications and guarantee

■ Quality testing, static load-bearing capacity	IEC 61215
■ Operating safety	IEC 61730
■ Product guarantee	10 years
■ Performance guarantee	10 years at 90% of the minimum output 25 years at 80% of the minimum output



Your installation partner: