

SUNWEB[®]

DATASHEET

FACTS

- 16% efficiency
- 250 Wp
- Back-contact module
- 60-cell polycrystalline

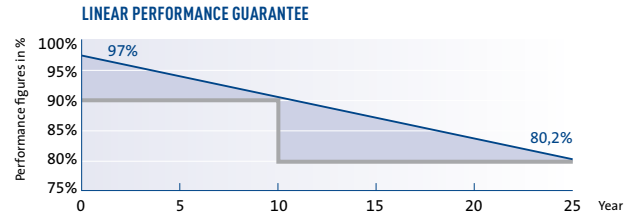
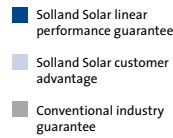
BENEFITS

- Up to 10% more power per m² compared to standard modules due to the use of unique MWT technology
- Perfect fit for rooftop integration due to exclusive design
- 25 year linear performance guarantee
- Compatibility with standard inverters and components resulting in cost efficient & versatile system design

Product warranty: 10 years

Linear Performance guarantee: 25 years

- Within the first year of performance at least 97% of the rated power output.
- Years 2 to 25: power output degradation not higher than 0.7% per year (starting with the minimal guaranteed 97% power output after one year).



SUNWEB® MODULE ELECTRICAL CHARACTERISTICS Typical data at STC

Pmpp (Wp)	Umpp (V)	Impp (A)	Uoc (V)	Isc (A)
235	30.05	7.82	36.97	8.44
240	30.32	7.96	37.25	8.53
245	30.43	8.05	37.55	8.62
250	30.63	8.16	37.90	8.73
255	30.83	8.27	38.18	8.80
260	30.96	8.39	38.42	8.87

Power sorting tolerance +5W absolute. Measured under standard test conditions (STC): Radiation strength 1000W/m², spectral distribution AM 1.5, temperature 25°C. Pmax measuring tolerance: +/-4%. Reverse current power rating: Operation of the modules with an external power source is only permitted with a string fuse with a release current of <2 x Isc @ NOCT.

TEMPERATURE COEFFICIENT

I _{sc} (α):	0,067 % / K
V _{oc} (β):	-0,33 % / K
P _{max} (γ):	-0,43 % / K

MECHANICAL DATA

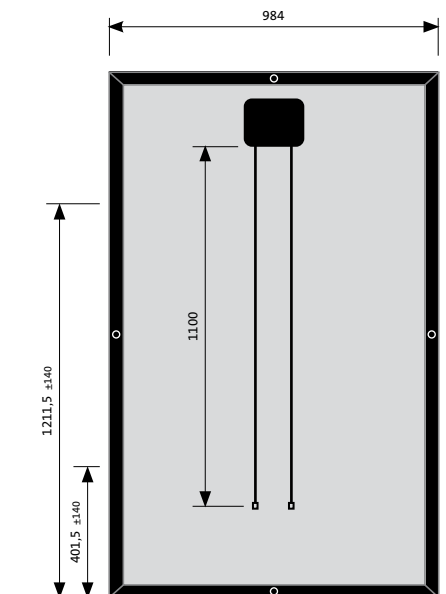
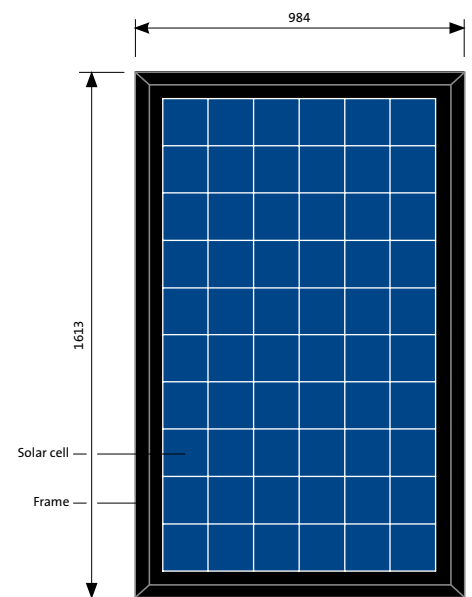
Dimensions	1613 x 984 x 35 mm
Junction Box	Tyco with 3 bypass diodes
Protection level	IP 65
Solar Cells	60 cells polycrystalline Si, Sunweb®
Frame	Black anodized aluminium frame
Weight	22 kg
Cable	4 mm ² , 2 x 1,10 m
Connector	Tyco connector IP67
Front Glass	4 mm ESG special glass
Back side encapsulant	Composite films
Safety Class	II

OPERATING CONDITIONS

Temperature range	-40 to +85°C
Max. system voltage	1.000V
Max. surface load capacity	Tested up to 5.400 Pa according to IEC 61215
Resistance against hail	Max. diameter of 25 mm with impact speed of 83 km/h
Reverse current I	10 A

Approvals & certificates (pending): IEC 61215 Edition II, IEC 61730 (incl. Safety Class II).

DIMENSIONS Tolerance for Module dimensions: ± 2 mm



Dimensions in mm

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