

SUNWEB[®]

DATASHEET

FACTS

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

BENEFITS

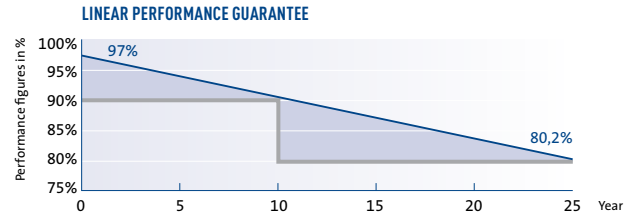
- Up to 10% more power per m² compared to standard modules due to the use of unique MWT technology
- Perfect fit for rooftop integration due to exclusive design
- 25 year linear performance guarantee
- Compatibility with standard inverters and components resulting in cost efficient & versatile system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

- Solland Solar linear performance guarantee
- Solland Solar customer advantage
- Conventional industry guarantee



SUNWEB® MODULE ELECTRICAL CHARACTERISTICS Typical data at STC

Pmpp (Wp)	Ump (V)	I _{mp} (A)	U _{oc} (V)	I _{sc} (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

Power sorting tolerance +5W absolute. Measured under standard test conditions (STC): Radiation strength 1000W/m²; spectral distribution AM 1.5, temperature 25°C. P_{max} 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 I_{sc} @ NOCT.

TEMPERATURE COEFFICIENT

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

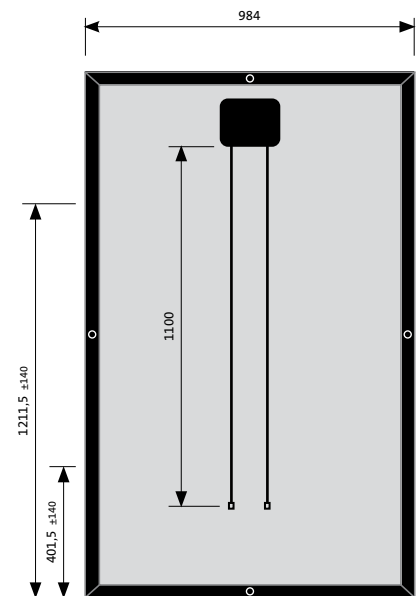
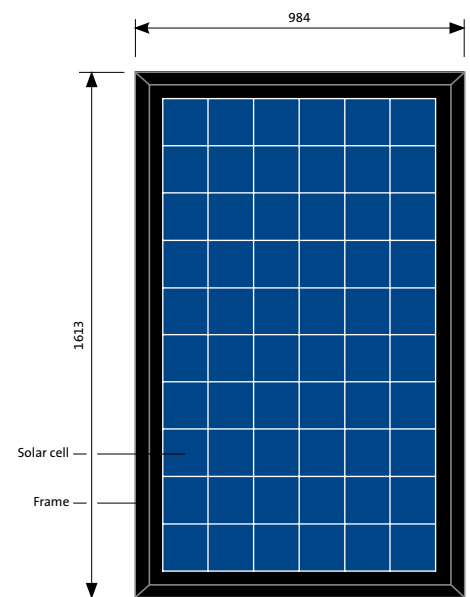
MECHANICAL DATA

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

DIMENSIONS Tolerance for Module dimensions: ± 2 mm



Dimensions in mm

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



SOLLAND SOLAR

Bohr 10
6422 RL Heerlen
The Netherlands
T +31 (0)45 8800 600
F +31 (0)45 8800 605
info@sollandsolar.com

SOLLAND SOLAR

Bohr 12
52072 Aachen
Germany
T +49 (0)241 18959 60
F +49 (0)241 18959 65
info@sollandsolar.com

For more information concerning Sunweb® modules visit us on:
www.sollandsolar.com