SunClass® Eine Klasse für sich!

High-performance solar modules
100 % Made in Europe
Polycrystalline Series

SC 250-60P EU | SC 255-60P EU | SC 260-60P EU

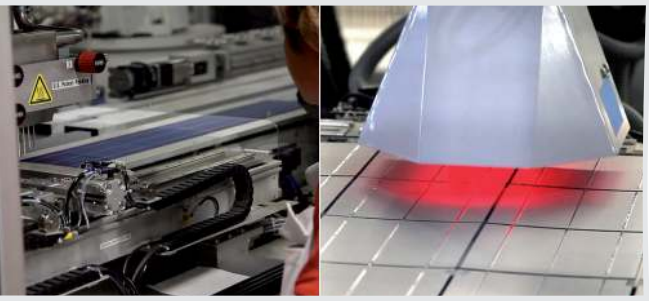
Product features

- Use of high quality cells from established manufacturers as well as 3 busbar technology for optimized power take-up and higher power yields
- 3,2 mm thick special solar-glass ensures maximum transmission values
- High level of stability of the anodized aluminium frame through own-developed aluminium frame with integrated drain channels and venting holes
- Quality assurance through individual examination including electroluminescent inspection
- RWTÜV-certified according to IEC 61215 Ed.2 and IEC 61730
- Positive tolerance (0/+5 %)
- 25 years performance guarantee, 12 years product guarantee



PREMIUM EDITION
100 % MADE IN EUROPE







CETECOM™ ein Unternehmen der rwTÜV Gruppe CE

SunClass® high-performance solar modules made in Europe

The selection of high-quality components, the use of most modern production technologies according to German quality standards and extensive production controls make SunClass® solar modules of the Premium Edition the right choice for every project size.

SunClass®-dealer

www.sunclass-solar.com

Electrical Data

Rated output (0/+5 %) (P_{max})	250 Wp	255 Wp	260 Wp
Nominal Voltage (U_{mpp})	31,17 V	31,26 V	31,54 V
Nominal Current (I_{mpp})	8,12 A	8,22 A	8,28 A
Open circuit Voltage (U_{oc})	37,80 V	37,82 V	37,84 V
Short circuit Current (I_{sc})	8,60 A	8,73 A	8,77 A
Maximum system voltage	1000 V	1000 V	1000 V
Module effciency (η_m)	15,1 %	15,4 %	15,7 %
STC - Standard Test Conditions	Irradiation: 1000 W/m² AM: 1,5 Temperature: 25 °C		

Mechanical data

Length	1650 mm
Width	1000 mm
Height	42 mm
Weight	19 kg
Connection cables	2 x 1000 mm, Ø 4 mm² MC4 connectors or compatible
Glass	3,2 mm (toughened glass)
Encapsulation	EVA
Backsheet	PET (Poly. fleece multi-layer)
Frame	Aluminum anodized
Solar cell	156 x 156 mm (6″), 60 polykrystalline cells
Junction	IP 67, 3 bypass diodes
Module construction	Glass-film-laminat

Temperature coefficients

αPm	- 0,43 % / K
αIsc	+ 0,05 % / K
βVoc	- 0,35 % / K

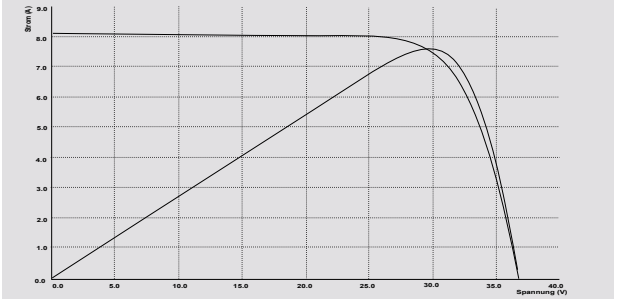
Application areas

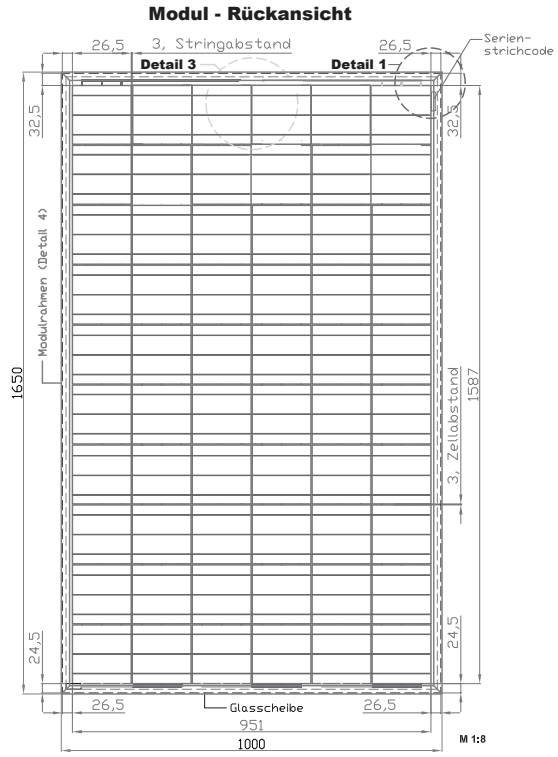
Operating temperat.	- 45 °C to + 80 °C
Hail	up to 25 mm hailstone size at 80 km/h
Surface max. stress	540 kg/m²

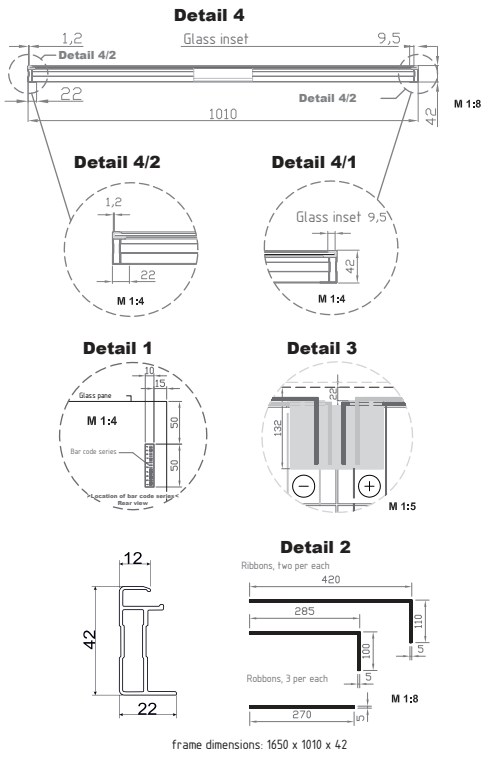
Guarantee

Product guarantee	12 years
Performance guarantee	12,5 years for a power output of 90 % * 25 years for a power output of 80 % * *pursuant to a valid warranty deed

Voltage/current characteristic







Module data as at December 10th 2014, Indemnification: Errors and omissions excepted.

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