

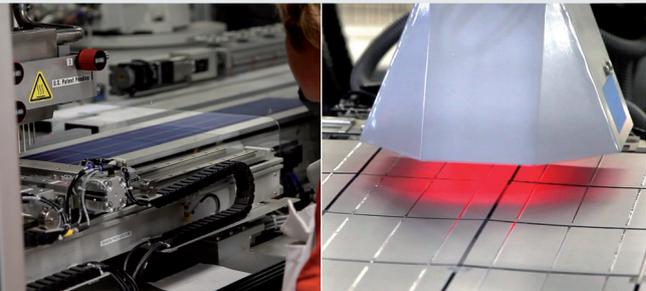


**Product features**

- 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

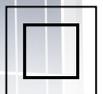
**PREMIUM EDITION**  
100 % MADE IN EUROPE

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



**CETECOM**<sup>TM</sup>  
ein Unternehmen der

**rwtüv** Gruppe



**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.



## 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 efficiency ( $\eta_m$ )	15,1 %	15,4 %	15,7 %
STC - Standard Test Conditions	Irradiation: 1000 W/m <sup>2</sup> 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 mm <sup>2</sup> 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

$\alpha_{Pm}$	- 0,43 % / K
$\alpha_{sc}$	+ 0,05 % / K
$\beta_{Voc}$	- 0,35 % / K

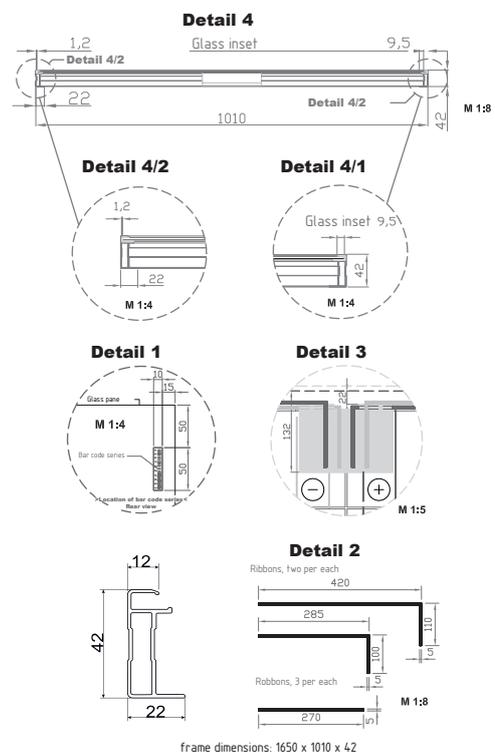
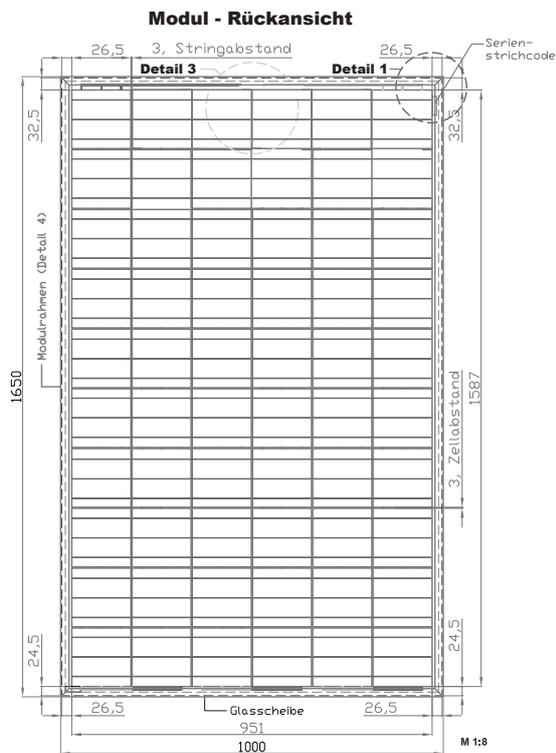
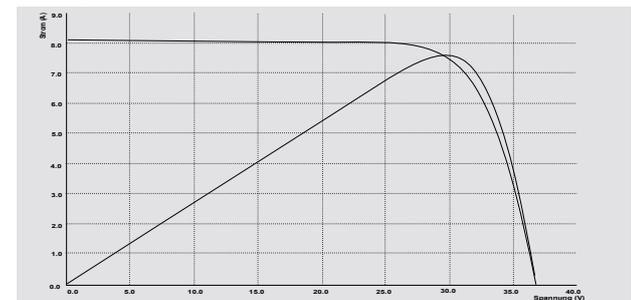
## Application areas

Operating temperat.	- 45 °C to + 80 °C
Hail	up to 25 mm hailstone size at 80 km/h
Surface max. stress	540 kg/m <sup>2</sup>

## Guarantee

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

## Voltage/current characteristic



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