SunClass® Eine Klasse für sich!

High-performance photovoltaic modules

SC 250-60P
SC 255-60P
SC 260-60P



Product features

- High-performance photovoltaic modules made of polycrystalline silicon solar cells with module efficiencies of up to 15,98 %
- Bypass diodes which minimise the loss in output when shading occurs
- Use of safety glass for long-term weather protection, EVA plastic, weather protection film, as well as anodised aluminium frame
- TÜV-Certified, Protection Class II, CE Marking
- Plus tolerance (0/+3 %)
- 25 years performance guarantee
- 12 years product guarantee

EDITION 2015
MORE POWER







SunClass® high-performance PV modules

Whether for your house, your company or your major project: perfected production technologies, using premium materials and employing efficient cells make SunClass solar modules the right choice for every project size.

SunClass®-Dealer

www.sunclass-solar.com

Electrical data

Maximum Power (0/+3 %) (P_{max})	250 Wp	255 Wp	260 Wp
Voltage at point of max. power (V_{mpp})	30,3 V	30,4 V	30,5 V
Current at point of max. power (I_{mpp})	8,26 A	8,38 A	8,53 A
Open-circuit voltage (V_{oc})	37,3 V	37,4 V	37,5 V
Short-circuit current (I_{sc})	8,9 A	9,05 A	9,24 A
Maximum system voltage	1000 V	1000 V	1000 V
Module effciency (η_m)	14,37 %	15,67 %	15,98 %
STC standard test conditions	Irradiance: 1000 W/m² AM: 1,5 Temperature: 25 °C		

Temperature coefficients

αPm	- 0,39 % / °C
αIsc	+ 0,033 % / °C
βVoc	- 0,33 % / °C

Operating temperature	– 40 °C to + 85 °C
Hail	up to 25 mm hailstone size at 80 km/h
Surface max. stress	540 kg/m²

Mechanical data

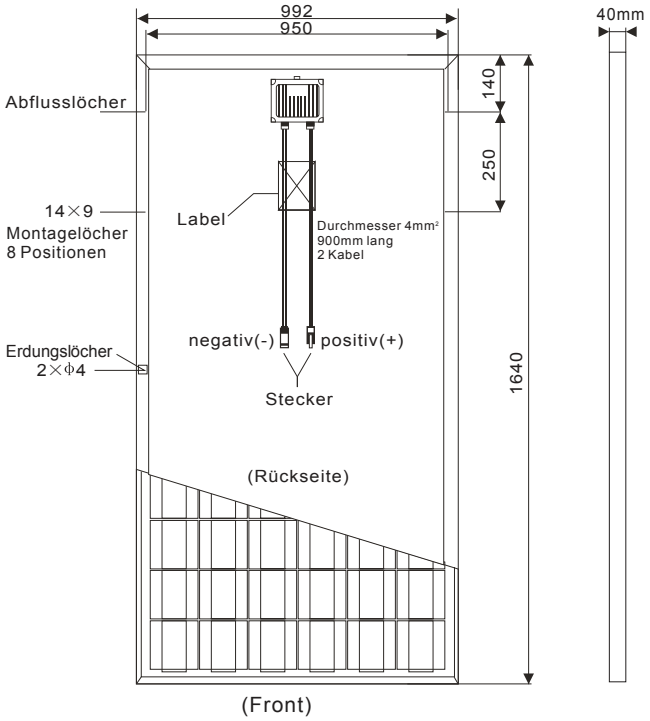
Length	1640 mm
Width	992 mm
Height	40 mm
Weight	19,5 kg
Cable	900 mm (Ø 4mm²)
Glass	Tempered-glass (3,2 mm)
Foil	EVA
Backsheet	TPT/TPE
Frame	Aluminium anodized
Cell	60 pcs., size: 156 x 156 mm (6˝)
Junction	IP67 junction box with 3 bypass diodes
Connector	MC-4 compatible

Guarantee

Product guarantee	12 years
Perfomance guarantee	10 years for a power output of 90 %, 20 years for a power output of 83 %, 25 years for a power output of 80 %

Certifications / Qualifications

Periodic Inspection
IEC 61215 (1000 V)
IEC 61730
Protection Class II (1000 V)
CE Marking



Technical specifications as at May 1st 2015, Indemnification: Errors and omissions excepted.