SunClass® Eine Klasse für sich!

High-performance photovoltaic modules

SC 195-72M
SC 200-72M
SC 205-72M

Product features

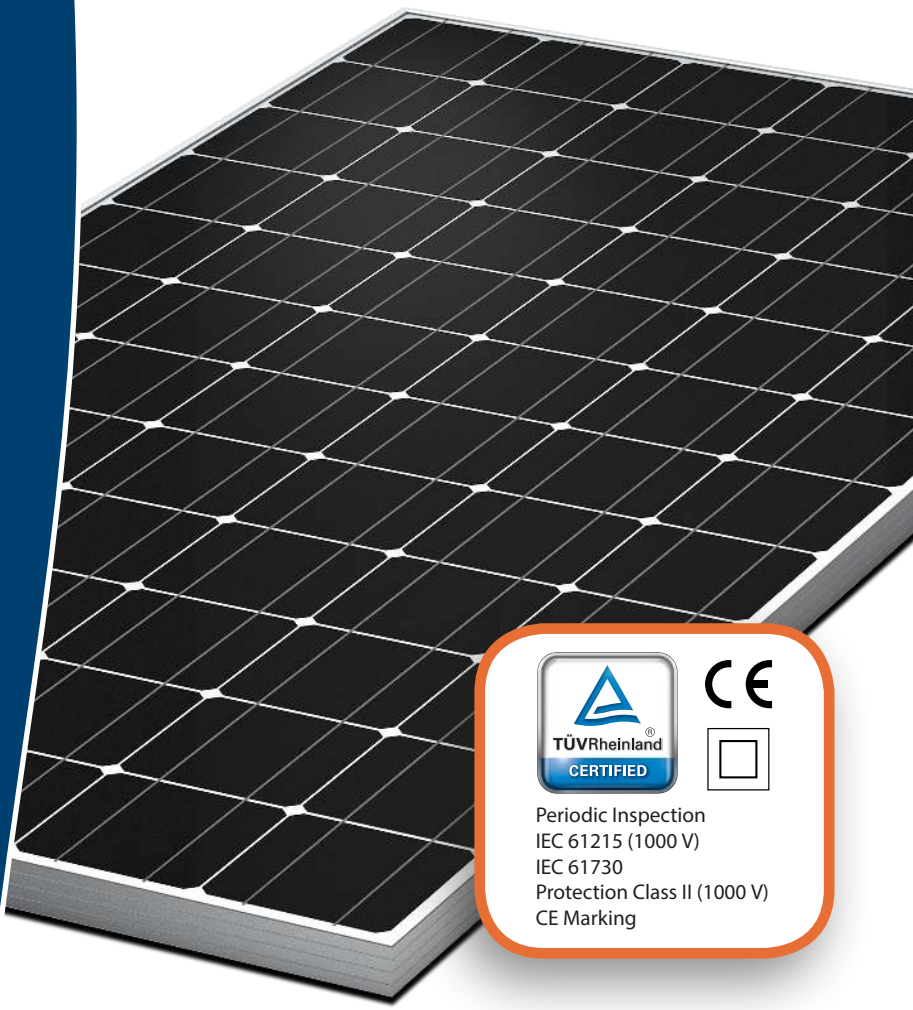
- High-performance photovoltaic modules made of monocrystalline silicon solar cells with module efficiencies of up to 16,06 %
- Use of Gallium for as a doping agent for slowed degradation and higher output
- Resistant to ammonia and salt spray
- Free from PID (free from potential induced degredation)
- International standards: ISO 9001, ISO 14001, OHSAS 18001
- Plus tolerance (0/+3 %)
- Insured output warranty of 25 years
- 12 years workmanship warranty

EDITION 2015
MORE POWER









TÜVRheinland CERTIFIED

CE

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

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})	195 Wp	200 Wp	205 Wp
Voltage at point of max. power (V_{mpp})	36,9 V	37,3 V	37,55 V
Current at point of max. power (I_{mpp})	5,28 A	5,36 A	5,46 A
Open-circuit voltage (V_{oc})	45,5 V	45,65 V	45,75 V
Short-circuit current (I_{sc})	5,63 A	5,65 A	5,7 A
Maximum system voltage	1000 V	1000 V	1000 V
Module effciency (η_m)	15,27 %	15,67 %	16,06 %
STC standard test conditions	Irradiance: 1000 W/m² AM: 1,5 Temperature: 25 °C		

Temperature coefficients

– 0,42 % / °C	– 0,42 % / °C
+ 0,04 % / °C	+ 0,04 % / °C
– 0,29 % / °C	– 0,29 % / °C

Application areas

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

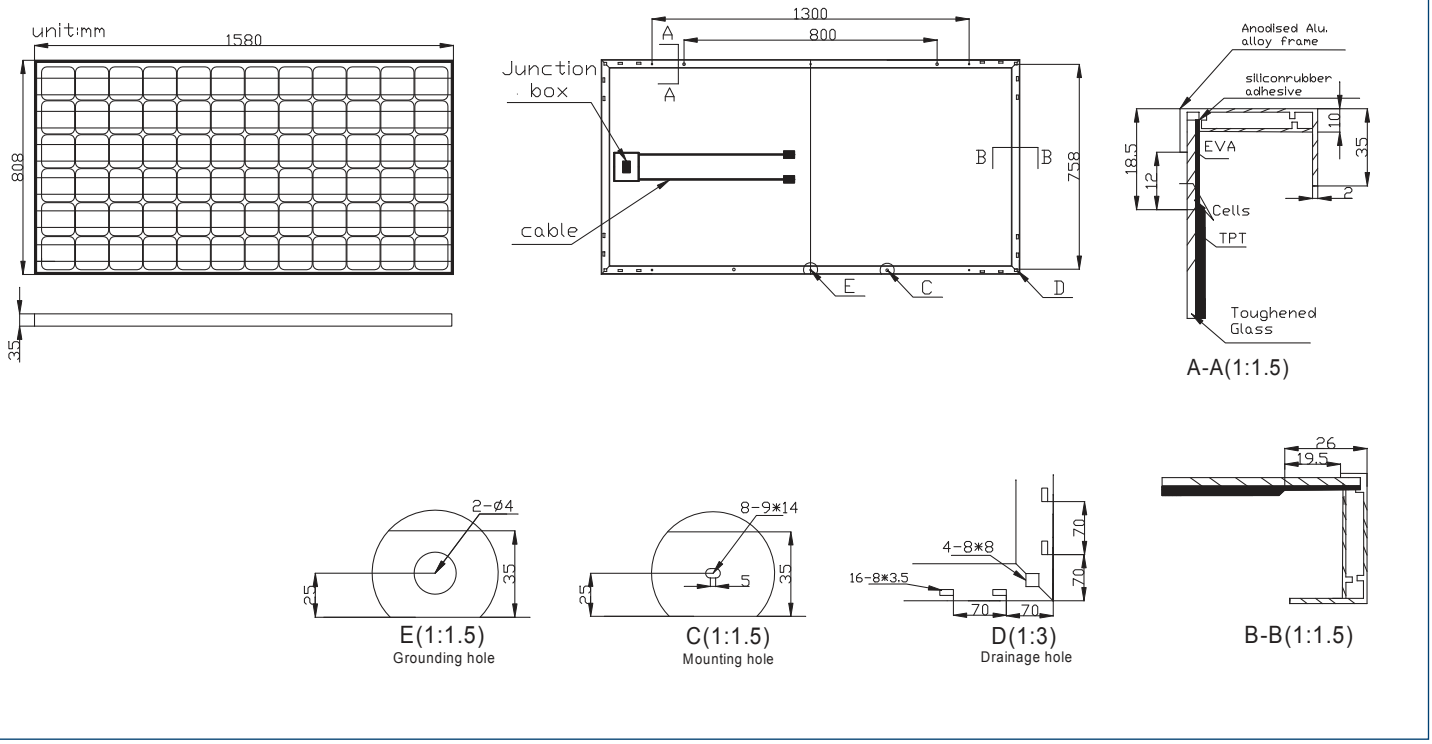
Length	1580 mm
Width	808 mm
Height	35 mm
Weight	15,5 kg
Cable	900 mm (Ø 4mm²)
Glass	Tempered-glass - AR-coating (3,2 mm)
Foil	EVA
Backsheet	TPT
Frame	Aluminium anodized
Cell	72 pcs., size: 125 x 125 mm (5˝)
Junction	IP67 junction box with bypass diodes
Connector	MC-4 compatible

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

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Technical specifications as at December 10th 2014, Indemnification: Errors and omissions excepted.