

SI-BLACK

M260 F - M270 F INDACH

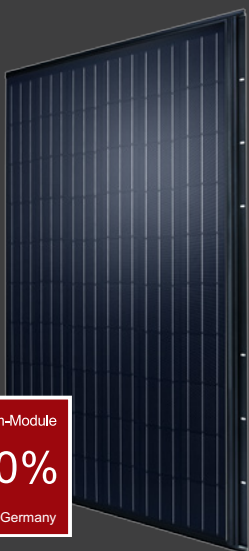
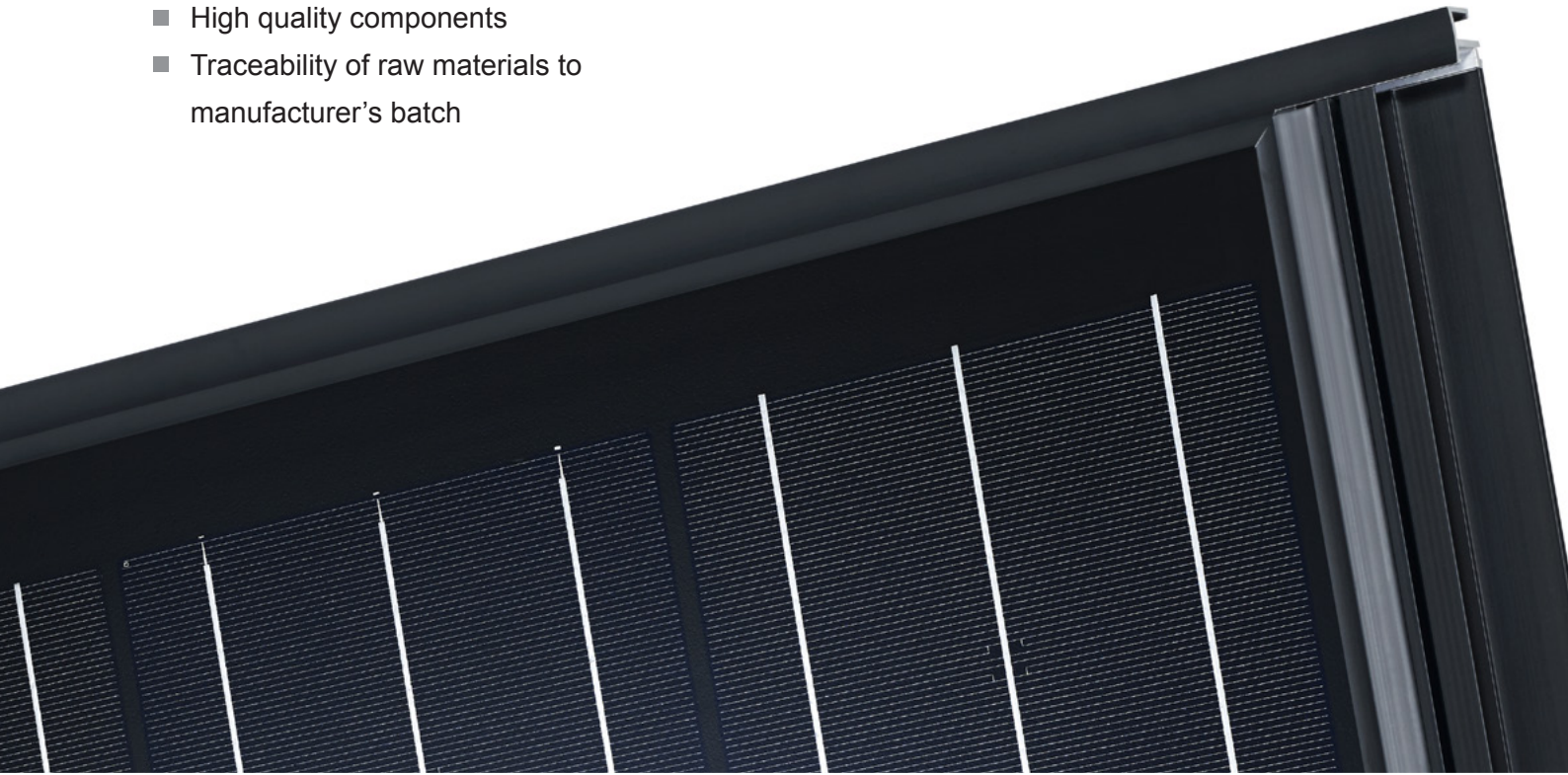
MONOCRYSTALLINE SOLAR MODULE

FOR ROOF INTEGRATION



The all-black Premium Module for superior design requirements can be perfectly integrated into your roof. With a black frame and a black back sheet and covered cross connectors to provide your roof with a streamlined appearance. In our proven SI Module quality with European components.

- Top level yields throughout the module's entire service life
- Well-proven and excellent diffuse light performance
- 10-year product guarantee and 30-year performance guarantee
- High quality components
- Traceability of raw materials to manufacturer's batch
- Loads of up to 5400 Pa
- Extra yields through positive sorting
- 100% PID-free



SI Module Manufacturing

- Produced exclusively in Freiburg, Germany
- Consistent quality assurance
- 100 % EL tested
- Careful selection of components
- Continual process development
- Certified production facility
- Outstanding carbon footprint reductions

SI Module Technology

- 3 busbar connector
- Fully insulated cells
- Interconnection with state-of-the-art laser technology
- Anti PID technology
- Ammonia corrosion testing IEC 62716
- Salt spray test IEC 61701

Premium-Module

100%

Made in Germany

Performance data under standard test conditions (STC) (STC: 1000 W/m², module temperature 25 °C, AM 1.5 – measurement tolerance +/- 3%)

Module class		M260 F	M265 F	M270 F
Nominal capacity	P _{max} [Wp]	260	265	270
Short-circuit current	I _{sc} [A]	9.0	9.2	9.3
Open circuit voltage	V _{oc} [V]	38.3	38.5	38.7
Power	I _{mp} [A]	8.4	8.6	8.7
Voltage	V _{mpp} [V]	30.9	31.0	31.1
Module efficiency	[%]	15.6	15.9	16.2
Fill factor	[%]	75	75	>74
Max. system voltage	1000 V			
Classification tolerance	-0/+4.99 Wp			
Max. reverse current	21 A			

Nominal values for nominal operating cell temperature (NOCT) (NOCT: 800 W/m², module temperature 47 °C, AM 1.5 – measurement tolerance +/- 5%)

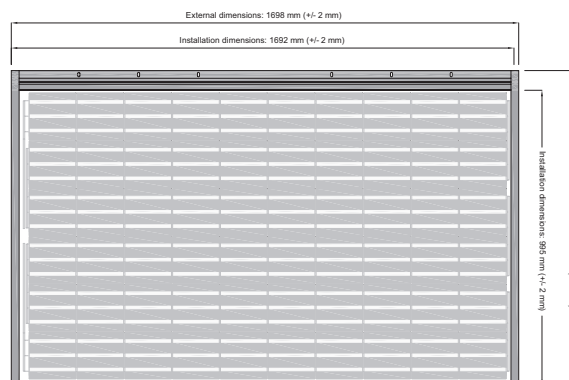
Module class		M260 F	M265 F	M270 F
Nominal capacity	P _{max} [Wp]	194	200	203
Short-circuit current	I _{sc} [A]	7.3	7.4	7.5
Open circuit voltage	V _{oc} [V]	35.2	35.4	35.7
Power	I _{mp} [A]	6.9	7.0	7.1
Voltage	V _{mpp} [V]	28.3	28.4	28.5

Technical Details

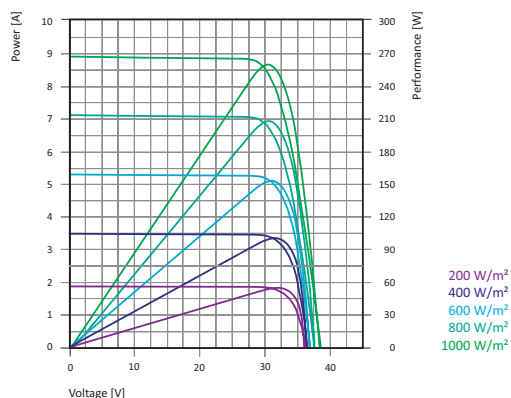
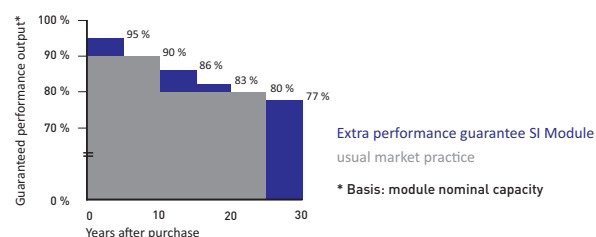
Cell count	60
Cell types	6" monocrystalline
Glass	3.2 mm ESG glass with anti-reflective coating
Rear surface	long-term UV-resistant insulating foil
Connection box	IP65
Connector	MC4 comparable
Conductor cross-section	4 mm ²
Connecting cable length	1 m
Bypass diodes	Schottky SMD (x 3)
Weight	ca. 20 kg
Module dimensions	1698 x 1055 mm

Thermal Parameters

P _{max} temperature coefficients	-0.44 %/K
V _{oc} temperature coefficients	-0.31 %/K
I _{sc} temperature coefficients	+0.05 %/K

Dimensions SI-Black M260 F - M270 F Indach


Please take note of our assembly instructions which we will gladly provide you with.

Characteristic Radiation Curve (exemplary 260 Wp module, module temperature 25 °C)

Performance Guarantee


We will be happy to send you our guarantee terms and conditions in full.