

Mono S5 Triplecut | Installer Series

300 W

The new Installer series in a „handy“ format is particularly suitable for angled roof surfaces with dormers and skylights in existing buildings and for repowering existing systems with classic formats. Double glass module with bifacial monocrystalline N-Type/TOPCon one-third cells.

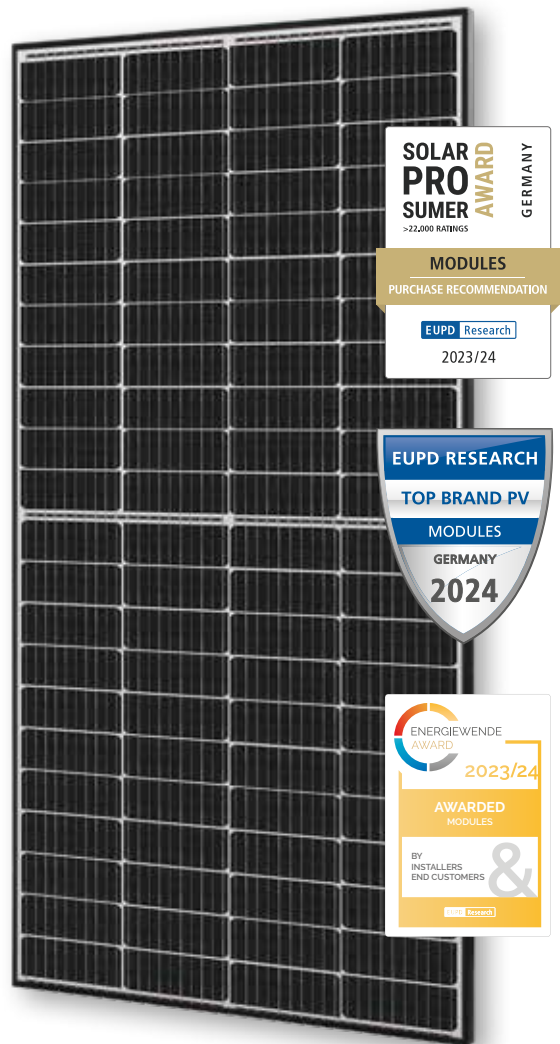
Especially suitable for:



Residential



Commercial



One-third cell module

Three-part cell for even greater efficiency, top safety and higher reliability



White Mesh

Transparent double glass solar module with a white print between the cells



Self-cleaning

Highly transparent, self-cleaning glass



Resistant to environmental influence

Resistant to ammonia & salt spray



German warranty

30-year guarantee on the product and 30 years on the module performance



Bifacial cell

Transparent cell with additional energy on the back of the cell



N-Type technology

TopCon solar module with N-type technology for top performance



Area utilization

209 W/m² at 300 W. Top comparability thanks to wattage per square metre



Multibusbar technology

Higher performance, greater reliability and higher (electrical) load capacity



Low-light behaviour

Outstanding performance even under low light conditions

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Electrical data under STC

(Standard Test Conditions: 1000 W/m², 25 °C, AM 1.5, Measuring tolerance: ± 3%)

Rated power	P_{max}	300 W
Sorting limits of performance		0/+3 %
Voltage	U_{MPP}	25.51 V
Open circuit voltage	U_{OC}	30.47 V
Current	I_{MPP}	11.76 A
Short-circuit current	I_{SC}	12.47 A
Efficiency		20.91 %

Temperature data

Operating temperature		- 40° C ~ + 85° C
Nominal operating cell temperature		45° C ± 2° C
Power temperature coefficient	$T_K (P_{MPP})$	- 0.300 %/°C
Voltage temperature coefficient	$T_K (U_{OC})$	- 0.250 %/°C
Current temperature coefficient	$T_K (I_{SC})$	0.046 %/°C

Further information

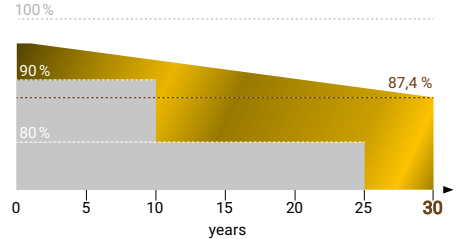
Number of cells	88 N-type bifacial monocrystalline triple-cut-cells (4 x 22)
Cell size	210 x 210 mm
Module dimensions	1630 x 880 x 30 mm
Type of Frame	black anodized aluminium alloy
Max. system voltage	1500 V
Reverse current loading capability	25 A
Glass thickness	Frontside/Backside: 2.0 mm/2.0 mm
Weight	approx. 18 kg
Module connection	MC4 or similar, 4.0 mm ² , cable length: (+) ≥ 1200 mm, (-) ≥ 1200 mm
Junction box rating	IP68
Allowable Hail Load	25 mm iceball with velocity of 23 m/s
Snow load	5400 Pa Δ 550 kg/m ²

30-year product warranty, 30-year linear performance warranty according to our additional warranty conditions for solar power modules of the "Mono S5 Triplecut Installer Series" product series, which we will gladly send you. Due to the tolerance of the anti-reflective coating, colour differences in the solar modules may occur.

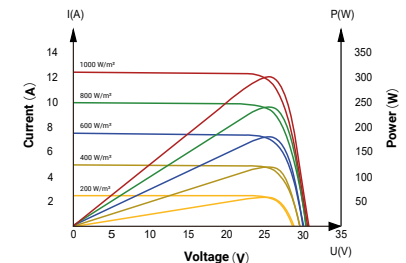
Logistic

Dimension pallet (L/W/H)	170/114/105 cm
Weight pallet	approx. 678 kg
Modules per pallet	36
Modules per truck	1008
Modules per Container [40' HC]	1008

Module performance



■ Linear performance warranty for Double-Glas Solar Modules
 ■ Standard tiered warranty



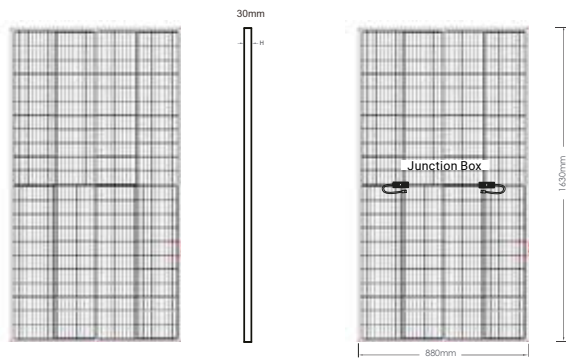
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Valid as of: 19.01.2024
 MD1001240119

MS5 TC V XXX BF-DG (triplecut module)



Note:
 Ensure correct polarity!

(Backside)
 Note: mm