



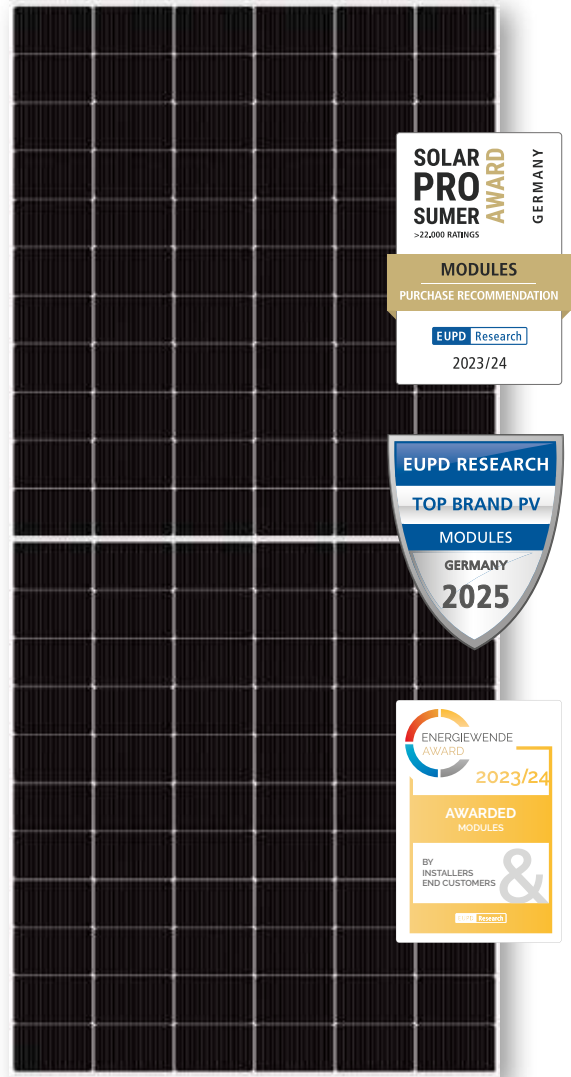
Creating a Powerful Future

Mono S4 Halfcut | Trend White Project

610 W / 615 W / 620 W / 625 W

The 132 half-cell class of our power module. The transparent glass at the front and rear with a white print (white mesh) between the cells makes the module a visual highlight and maximises efficiency. Double glass module with bifacial monocrystalline N-Type/ TOPCon half cells.

Especially suitable for:



German warranty
15-year guarantee on the product and 25 years on the module performance



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



Fire protection glass A
Best possible fire protection certification for solar modules with German TÜV certificate



Area utilisation factor
231 W/m² at 625 W. Better comparability through watt output per square metre



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



Bifacial cell
Transparent cell with additional energy on the back of the cell



N-type technology
TopCon solar module with N-Type technology for even more peak performance



Half-cell module
Two-part cell for more efficiency, more safety and more reliability



Low-light behaviour
Outstanding performance even under low light conditions



Glass cover
Resistant to ammonia & salt spray
Highly transparent, self-cleaning glass

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Electrical data under STC

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

Parameter	Symbol	610 W	615 W	620 W	625 W
Rated power	P_{max}	610 W	615 W	620 W	625 W
Sorting limits of performance		0/+5 W	0/+5 W	0/+5 W	0/+5 W
Voltage	U_{MPP}	40.92 V	41.12 V	41.32 V	41.52 V
Open circuit voltage	U_{OC}	48.70 V	48.90 V	49.10 V	49.30 V
Current	I_{MPP}	14.92 A	14.97 A	15.02 A	15.07 A
Short-circuit current	I_{SC}	15.91 A	15.93 A	15.95 A	15.97 A
Efficiency		22.58 %	22.77 %	22.95 %	23.14 %

Temperature data

Operating temperature		- 40° C ~ + 85° C
Nominal operating cell temperature		43° C ± 2° C
Power temperature coefficient	$T_K (P_{MPP})$	- 0.300 %/°C
Voltage temperature coefficient	$T_K (U_{OC})$	- 0.280 %/°C
Current temperature coefficient	$T_K (I_{SC})$	0.040 %/°C

Further information

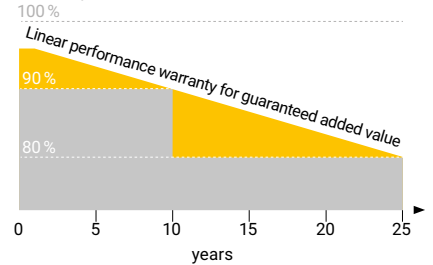
Number of cells	132 N-Type bifacial monocrystalline half cells (6 x 22)
Cell size	2382 x 1134 x 30 mm
Module frame	Silver anodised aluminium alloy
Max. system voltage	1500 V
Reverse current loading capability	30 A
Glass thickness	Frontside/Backside: 2.0 mm/2.0 mm
Weight	ca. 33.6 kg
Module connection	MC4 or similar, 4.0 mm ² , cable length: (+) ≥ 300 mm, (-) ≥ 300 mm
Junction box rating	IP68
Allowable Hail Load	25 mm iceball with velocity of 23 m/s
Snow load	5400 Pa $\hat{=}$ 550 kg/m ²
Fire class	A according to IEC standard 61730-2 (UL 790, UL 1703)

15-year product warranty, 25-year linear performance warranty according to our additional warranty conditions for solar power modules of the "Mono S4 Halfcut Trend White Project" 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.

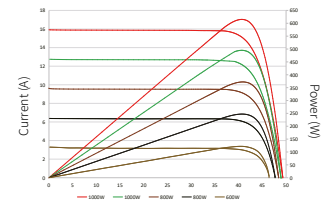
Logistik

Dimension pallet (L/W/H)	253,5/116/113 cm
Weight pallet	ca. 1240 kg
Modules per pallet	36
Modules per truck	792
Modules per Container [40' HC]	720

Module performance



- Linear performance warranty
- Standard tiered warranty



Voltage (V)



Your specialist dealer:

Solar Fabrik GmbH
Hermann-Niggemann-Str. 7-9
63846 Laufach
Germany

+49 (0)6093 20770-0
info@solar-fabrik.de
www.solar-fabrik.de

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