

# Mono S4 Halfcut | Trend White Project

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.

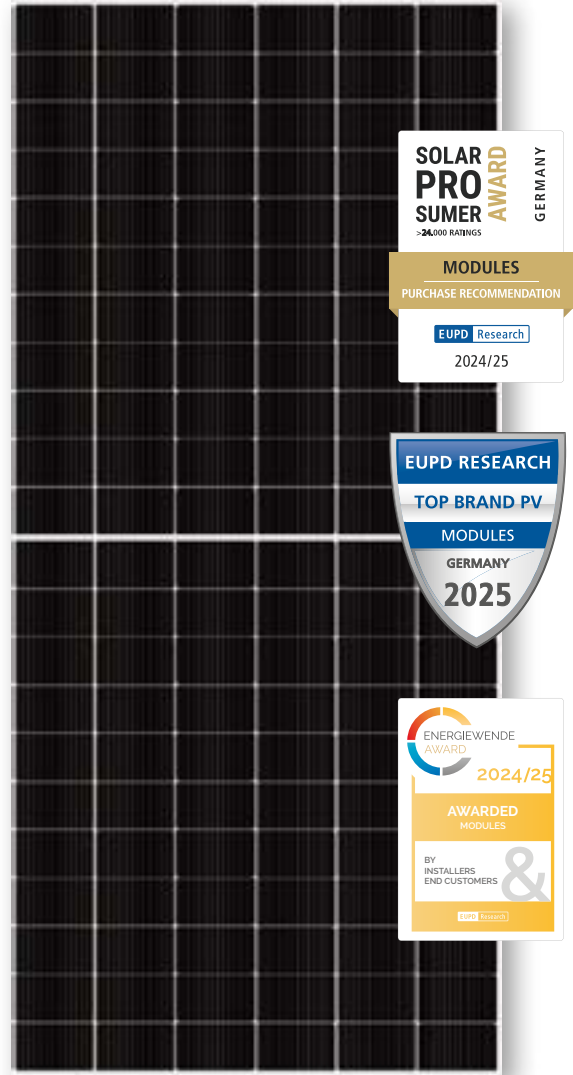
Especially suitable for:



Solar Parks



Commercial



### 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/m<sup>2</sup> 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

# Mono S4 Halfcut | Trend White Project

620 W / 625 W

## Electrical data under STC

(Standard Test Conditions: 1000 W/m<sup>2</sup>, 25 °C, AM 1.5, Measuring tolerance: ± 3%)

Rated power	$P_{max}$	620 W	625 W
Sorting limits of performance		0/+5 W	0/+5 W
Voltage	$U_{MPP}$	41.32 V	41.52 V
Open circuit voltage	$U_{OC}$	49.10 V	49.30 V
Current	$I_{MPP}$	15.02 A	15.07 A
Short-circuit current	$I_{SC}$	15.95 A	15.97 A
Efficiency		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	$T_K (U_{OC})$	- 0.250 %/°C
Current temperature coefficient	$T_K (I_{SC})$	0.040 %/°C

## Further information

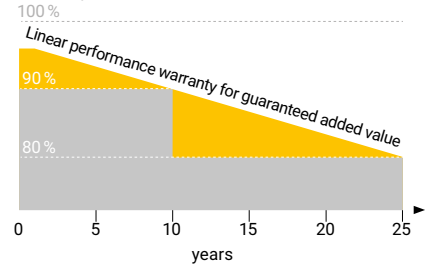
Number of cells	132 N-Type bifacial monocrystalline half cells (6 x 22)
Cell size	2382 x 1134 x 30 mm
Module frame	Silver anodized aluminium alloy
Max. system voltage	1500 V
Reverse current loading capability	30 A
Glass thickness	Frontside/Backside: 2.0 mm/2.0 mm
Weight	ca. 33.6 kg
Module connection	MC4 or similar, 4.0 mm <sup>2</sup> , 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 <sup>2</sup>
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.

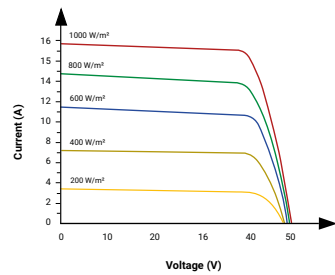
## Logistik

Dimension pallet (L/W/H)	116/113/253,50 cm
Weight pallet	ca. 1240 kg
Modules per pallet	36
Modules per Container [40' HC]	720

## Module performance



- Linear performance warranty
- Standard tiered warranty



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

Valid as of: 25.11.2025  
MD1005251126

