

Excellent quality

Solar Fabrik products offer many years of experience, innovation and first-class quality. We carefully select components and carry out long-term tests and strict quality controls. Our products are TÜV-certified and fulfil German quality standards with aesthetic demands. All our solar modules come with a German warranty. In the residential format (smaller than 2 square metres) and for glass-glass modules, we offer 30 years on product and performance. For glass-foil and glass-glass modules in project format, you receive 15 years on the product and 25 years on the output.



The neutral assessment of the company's performance by EUPD Research is based on extensive analyses and the development and application of innovative quality models. Solar Fabrik has received the coveted award every year since 2020.



EUPD Research surveyed German consumers on brand awareness, product distribution and recommendation. Solar Fabrik is one of the top brands and has received the EUPD Research SolarProsumerAward for outstanding performance for the second time.



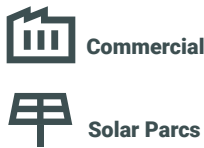
The Energy Transition Award (EWA) is presented to manufacturers who are driving forward the energy transition in Germany in the individual aspects of electricity, heat, energy efficiency and mobility in an exemplary manner through their commitment. The award emphasises our claim: „Solar Fabrik helps everyone to become part of the energy transition. Together we are creating a better future.“



In the quarters 4/2022, 1/2023 and 2/2023, Solar Fabrik was classified as a Tier 1 manufacturer for solar modules by Bloomberg New Energy Finance. The title is one of the most recognised awards a company can achieve. The classification is based on a comparison of the bankability of the respective manufacturers.

Our project modules

Overview



Solar modules for the commercial area and the solar parcs

Solar Fabrik solar modules offer a number of advantages in the project sector. Thanks to their high-quality technology and efficiency, they enable optimised use of solar energy, resulting in maximum electricity generation. The modules are characterised by their durability and robustness, which is particularly important when they are installed in solar parks. Investing in Solar Fabrik solar modules for the project sector not only promises long-term energy self-sufficiency, but also economic benefits and a positive ecological balance.

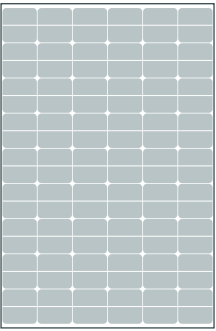
General product information

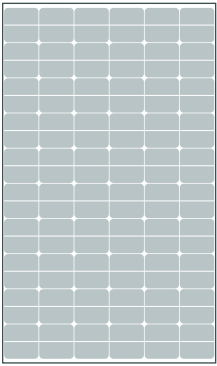
- + Highly transparent, self-cleaning glass
- + Resistant to environmental influences, e.g. resistance to ammonia & salt spray
- + Multibusbar technology for optimum energy distribution
- + All modules have a maximum system voltage of 1500V
- + Module connection: MC4 or similar, 4.0 mm², can be individualised on customer request
- + Standard cable length: (+) ≥ 1200 mm, (-) ≥ 1200 mm, can be customised on request
- + Frame: silver or black anodised, in 30 or 35 mm thickness, can be individualised on customer request
- + Hail protection: Ice balls with max. 25 mm Ø and a speed of up to 23 m/s
- + Snow load: 5400 Pa ≈ 550 kg/m²

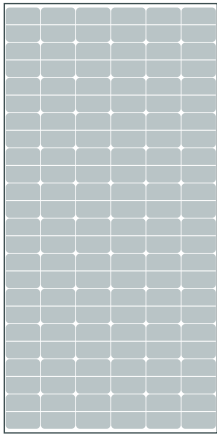
Wafer:
M10
182 x 182

Mono S4 Halfcut | Black-White

Glass-foil solar module with white backsheet and monocrystalline M10 P-Type PERC cells

	Standard module
	410 W (210 W/m²)
	415 W (213 W/m²)
	54 Cells 108 Half cells Format: 1722 x 1134 mm

	Project module
	450 W (208 W/m²)
	455 W (210 W/m²)
	460 W (212 W/m²)
	465 W (215 W/m²)
	60 Cells 120 Half cells Format: 1909 x 1134 mm

	Project module
	540 W (209 W/m²)
	545 W (211 W/m²)
	550 W (213 W/m²)
	555 W (215 W/m²)
	72 Cells 144 Half cells Format: 2278 x 1134 mm

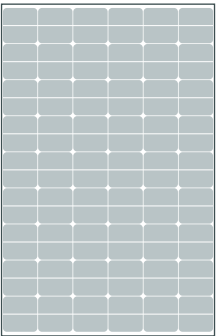


- N** TOPCon
N-Type-Technology
- P** PERC
P-Type-Technology
- Bifacial-Cell**
30 % higher energy output
- Black-White**
Glass-Film Module
- White-Mesh**
Double-Glass-Module
- Self-Cleaning**
Smart-Micro-Technology
- MBB** Multi-Busbar
Optimum Power Balance
- Low-Light**
All-Weather-Technology

Wafer:
M10 R
182 x 186,75

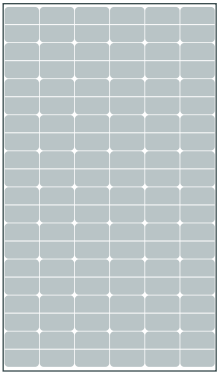
Mono S4 Halfcut | Trend Powerline

Glass-glass solar module with white print between the monocrystalline bifacial M10 R N-Type TOPCon cells



Standard module
440 W (220 W/m²)

54 Cells
108 Halbzellen
Format:
1762 x 1134 mm



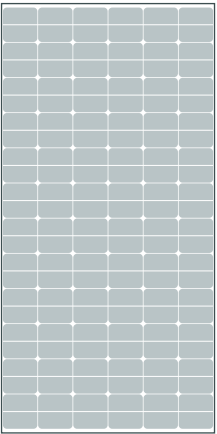
Project module
485 W (219 W/m²)
490 W (222 W/m²)
495 W (224 W/m²)
500 W (226 W/m²)

60 Cells
120 Half cells
Format:
1950 x 1134 mm

Wafer:
M10
182 x 182

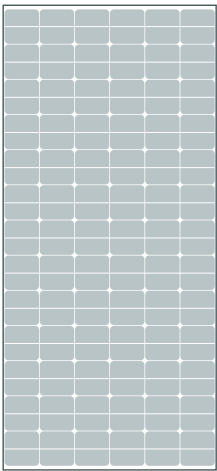
Mono S4 Halfcut | Trend Powerline

Glass-glass solar module with white print between the monocrystalline bifacial M10 N-Type TOPCon cells



Standard module
565 W (219 W/m²)
570 W (221 W/m²)
575 W (223 W/m²)
580 W (225 W/m²)

72 Cells
144 Half cells
Format:
2278 x 1134 mm



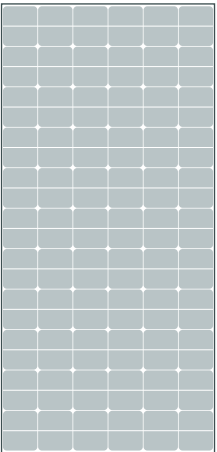
Project module
610 W (218 W/m²)
615 W (220 W/m²)
620 W (222 W/m²)
625 W (224 W/m²)

78 Cells
156 Half cells
Format:
2465 x 1134 mm

Wafer:
G12 R
182 x 210

Mono S4 Halfcut | Trend Powerline

Glass-glass solar module with white print between the monocrystalline bifacial G12 R N-Type TOPCon cells



Project module
605 W (224 W/m²)
610 W (226 W/m²)
615 W (228 W/m²)
620 W (230 W/m²)

66 Cells
132 Half cells
Format:
2382 x 1134 mm

Special formats, coatings, ...

Do you have a project with special conditions or specifications? We will support you and find the best solution together. Whether solar modules in special formats, in certain watt classes, with special coatings, frameless modules, lightweight modules and more.

Talk to us at: info@solar-fabrik.de