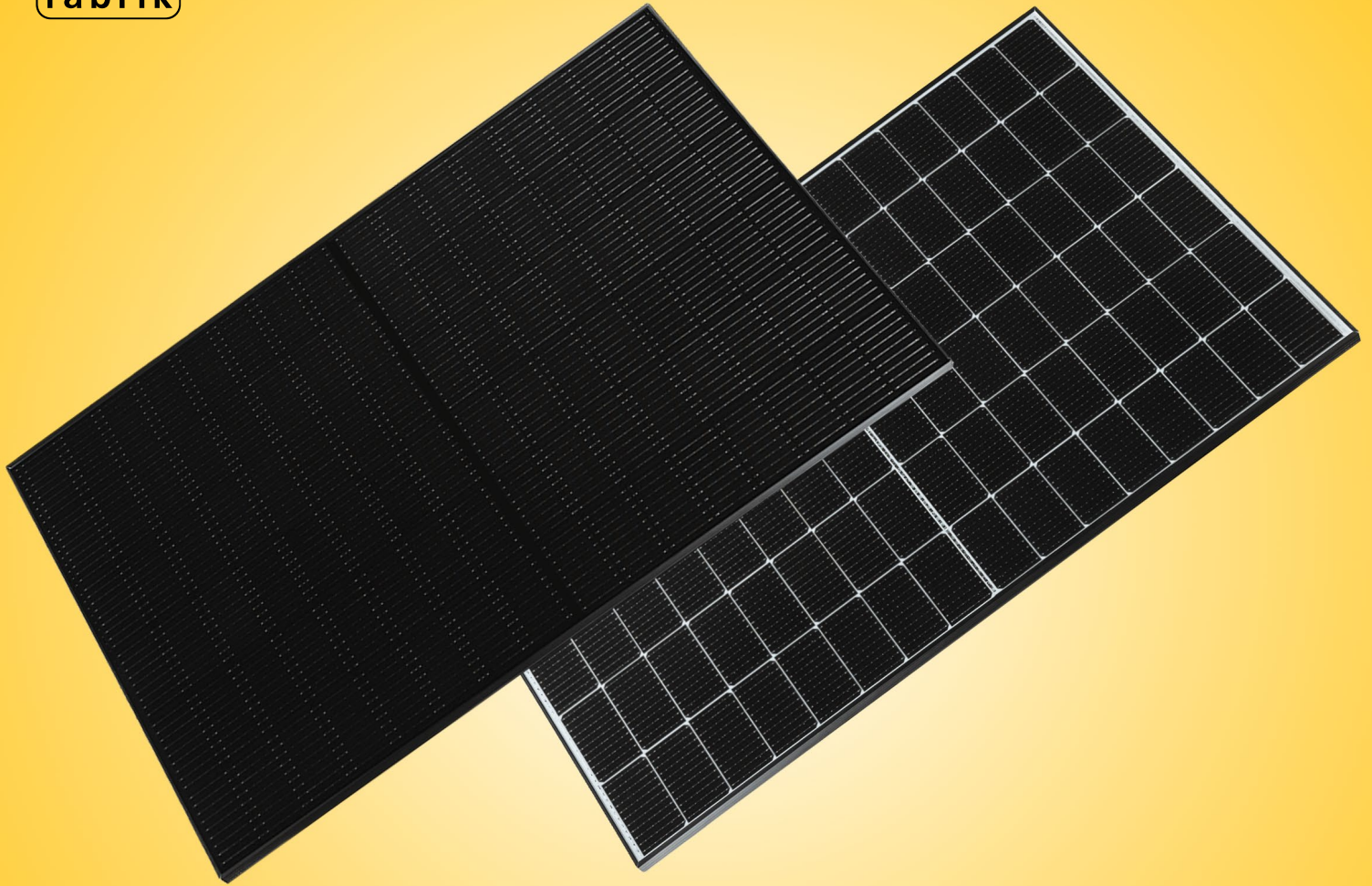




Creating a Powerful Future



Mono S4 Halfcut Trend Series Full Black & White

455 W – 460 W



Residential



Commercial



Warranty
Product &
Performance



Bifacial cell
Energy generation
on the rear side



Fire class A
Best possible
fire protection



Hail class 4
Ø 40 mm
& 29,2 m/s



Mono S4 Halfcut | Trend Series

Full Black & White 455 W – 460 W

Electrical data under STC

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

Trend series module	Full Black		White	
Rated power (P_{max})	455 W	460 W	455 W	460 W
Sorting limits of performance	0/+5 W	0/+5 W	0/+5 W	0/+5 W
Voltage (U_{MPP})	30.01 V	30.24 V	30.28 V	30.51 V
Open circuit voltage (U_{oc})	36.19 V	36.45 V	36.21 V	36.46 V
Current (I_{MPP})	15.16 A	15.21 A	15.03 A	15.08 A
Short-circuit current (I_{sc})	15.87 A	15.93 A	15.75 A	15.80 A
Efficiency	22.80%	23.00%	22.80 %	23.02 %

Further information

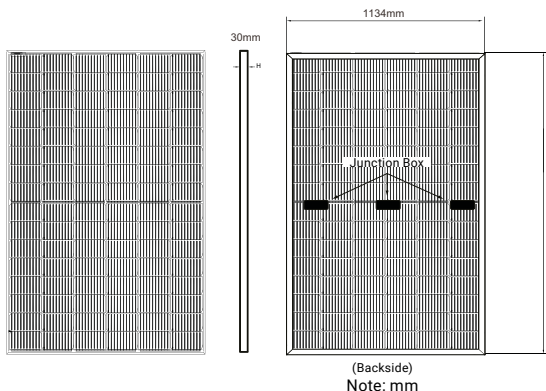
Number of cells	96 N-Type TOPCon bifacial monocrystalline half cells (6 x 16)
Module dimensions	1762 x 1134 x 30 mm
Type of Frame	Black anodized aluminium alloy
Max. system voltage	1500 V
Reverse current loading capability	30 A
Glass thickness	Frontside/Backside: 2.0 mm/2.0 mm
Weight	approx. 24.9 kg
Module connection	MC4 or similar, 4,0 mm ² Cable length: (+/-) ≥ 1100 mm, (+/-) ≥ 1200 mm
Junction box rating	IP68
Allowable Hail Load	40 mm iceball with velocity of 29.2 m/s
Snow load	5400 Pa $\hat{=}$ 550 kg/m ²
Fire class	A according to IEC standard 61730-2 (UL 790, UL 1703)

30 years product warranty, 30 years linear performance warranty according to our additional warranty conditions for solar power modules of the "Mono S4 Halfcut Trend" 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.

Temperature data

	Full Black	White
Operating temperature	- 45° C ~ + 85° C	- 40° C ~ + 85° C
Nominal operating cell temperature	42° C ± 2° C	42° C ± 2° C
Power temperature coefficient ($T_K P_{MPP}$)	- 0.290 %/°C	- 0.310 %/°C
Voltage temperature coefficient ($T_K U_{oc}$)	- 0.250 %/°C	- 0.260 %/°C
Current temperature coefficient ($T_K I_{sc}$)	0.045 %/°C	0.046 %/°C

Mono S4 Halfcut Trend Full Black
Mono S4 Halfcut Trend White
S4-DGXXX-96TMax

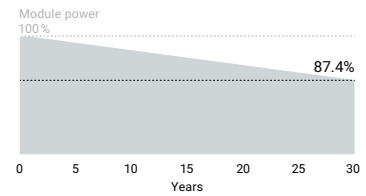


Errors and technical modifications are subject to change, with possible re-certifications. Image may differ.

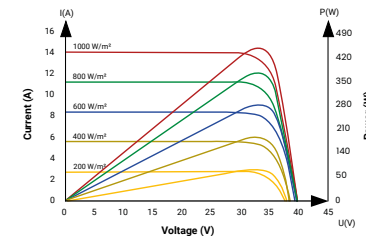
Note:
Ensure correct polarity!
Tolerance range in accordance with current warranty conditions.



Linear power guarantee



Current-voltage curve



Logistic

Dimension pallet (L/W/H)	180/114/125 cm
Weight pallet	approx. 926 kg
Modules per pallet	36
Modules per Container [40' HC]	936



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