

710W-735W

SZA-132NT-BF

**BIFACIAL
DOUBLE-GLASS**

23.66%

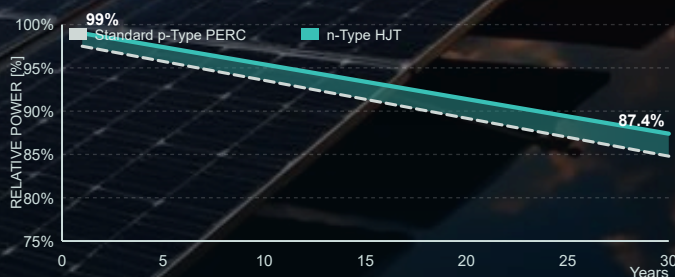
Maximum Efficiency

132

Half Cells

- ◆ N-type Heterojunction (HJT) Technology
- ◆ Enhanced efficiency and power performance
- ◆ Excellent low-light and high-temperature performance
- ◆ Long-term reliability with minimal degradation
- ◆ Certified to IEC 61215 & IEC 61730 standards

OUR PERFORMANCE WARRANTY



30 YEARS

Performance Warranty

15 YEARS

Product Warranty

≤ 1% first-year degradation, then 0.4 percentage points of initial rated power annually
— 87.4% min. warranted power at year 30

*Specifications are subject to change without notice. Actual performance may vary. Warranty terms are defined in the latest SOLANZO Limited Warranty.



BIFACIAL - DOUBLE GLASS

SZA-132NT-BF 710W-735W

N-TYPE HETEROJUNCTION (HJT) TECHNOLOGY

Electrical specifications (STC*):

Module model	SZA-132NT-BF-	710	715	720	725	735
Nominal max. power P_{max} (Wp)	710	715	720	725	735	
Maximum operating voltage V_M (V)	40.65	40.77	40.89	41.00	41.23	
Maximum operating current I_M (A)	17.47	17.54	17.61	17.69	17.83	
Open-circuit voltage V_{oc} (V)	48.73	48.88	49.04	49.20	49.52	
Short-circuit current I_{sc} (A)	18.53	18.60	18.67	18.74	18.88	
Module efficiency η (%)	22.86	23.02	23.18	23.34	23.66	
Power tolerance (W)	0~+3					
Maximum system voltage (V/DC)	1500					
Maximum series fuse rating (A)	35					

*STC: Standard Test Conditions (irradiance 1000 W/m², cell temperature 25°C and air mass of AM1.5), measurement tolerance P_{max}: ±3%.

Electrical specifications (BNPI*: 1000 W/m² + 135 W/m²):

Nominal max. power P_{max} (Wp)	784	790	795	800	810
Maximum operating voltage V_M (V)	40.66	40.80	40.92	41.03	41.25
Maximum operating current I_M (A)	19.28	19.36	19.43	19.50	19.64
Open-circuit voltage V_{oc} (V)	48.72	48.85	48.99	49.12	49.38
Short-circuit current I_{sc} (A)	20.48	20.55	20.63	20.71	20.87

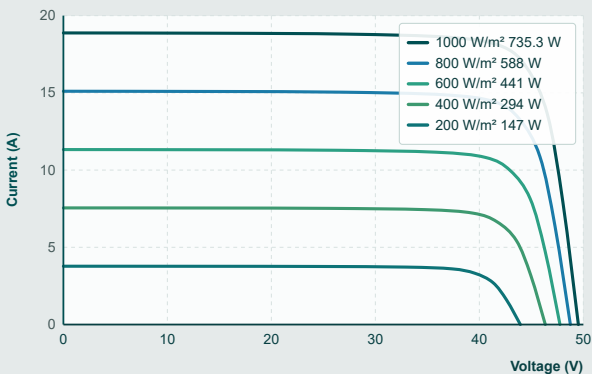
*BNPI (Bifacial Nameplate Irradiance, per IEC TS 60904-1-2): front side 1000 W/m² + rear side 135 W/m², cell temperature 25 °C, air mass AM1.5. Actual bifacial energy yield gain depends on rear-side irradiance, ground albedo, mounting configuration, and installation conditions. Nominal bifaciality factor: 80% (±5 percentage points).

Bifacial electrical specifications

Max. power front-side P _{max front} (Wp)	710		715		720		725		735	
Backside Power Gain	5%	10%	5%	10%	5%	10%	5%	10%	5%	10%
Total equivalent power P _{max equ} (Wp)	746	781	751	787	756	792	761	798	772	809

*Bifacial gain values represent the instantaneous increase in electrical power due to rear-side irradiance, expressed as a percentage of the module's front-side rated power at STC. Actual energy yield depends on mounting configuration, rear-side irradiance, and ground albedo.

Cells temp. = 25°C



Mechanical and design specifications

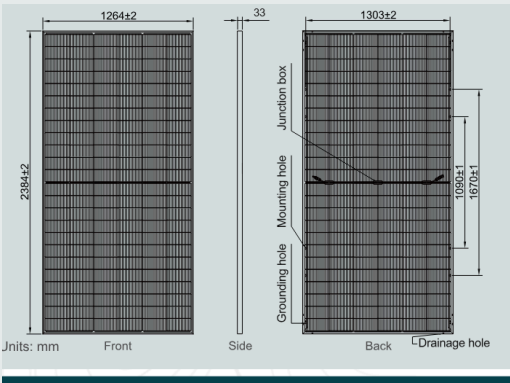
Cell type	N-Type Monocrystalline HJT Bifacial Half-Cut Cells
Cell configuration	132 Half-Cut Cells (6 × 11 × 2)
Bifaciality	80 ± 5%
Front cover	2.0 mm glass, high transmission, AR coated, tempered
Encapsulation	POE
Back cover	2.0 mm transparent tempered glass
Junction box	IP68 rated, 3 bypass diodes
Frame	33 mm anodized aluminium alloy
Cable (incl. connectors)	2 × 4 mm ² (+/-), 300 mm or customized
Connectors	MC4-type, IP68 rated
Dimension	2384 mm x 1303 mm x 33 mm
Weight	37.5 kg
Hail resistance	Max. Ø 25 mm at 23 m/s
Wind load (rear side)	2400 Pa (≈244 kg/m ²)
Snow load (front side)	5400 Pa (≈550 kg/m ²)
Fire rating	Class A (according to UL 790)

Packaging information

L (length): 1325 mm H (height): 1121 mm W (width): 2496 mm	 33 pcs One pallet	 1,238 kg Net per pallet	 594 pcs 40HQ container
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Temperature ratings

Operating temperature	-40 to +85°C
Temp. coefficient of P_{max}	-0.29 %/°C
Temp. coefficient of V_{oc}	-0.25 %/°C
Temp. coefficient of I_{sc}	0.046 %/°C
Nom. module operating temp. (NMOT)	42 ± 2°C



Environmental & reliability testing: IEC 62716 Ammonia Corrosion Resistance · IEC 61701 Salt Mist Corrosion Resistance · IEC 60068-2-68 Sand & Dust Resistance · IEC TS 62804-1 PID Resistance · IEC TS 63209-1 Extended-Stress Reliability · IEC 62892 Extended Thermal Cycling

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PRODUCT CERTIFICATIONS



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