



# GOODWE

# SOLARISE YOUR DRIVE

## Polaris Series

**BMT-P2/132A | 535W**

**Ideal for Carport/Sun Shed/ Flat-to-pitched Conversion**

The GoodWe Polaris Series is designed to meet the needs of a variety of different applications. Whether installing it on a carport, flat-to-pitched roof conversion or sun shed, the Polaris Series is adaptable and versatile. One of the standout features of the Polaris Series is its double-glass and bifacial design, which improves impact resistance and power generation. Additionally, the modular installation technology and integrated drainage structure make it incredibly easy to install, saving time and hassle. The Polaris Series also offers comprehensive performance advantages in safety, applicability, durability, economy, and environmental friendliness.



### High Impact Resistance

- Wind-resistant design
- Double-glass design
- Maximum static load on the front  $\geq 5400\text{Pa}$



### Integrated Diverse Applications

- Carport
- Flat-to-pitched roof conversion
- Sun shed



### Fast Installation

- Modular design, easy to replace
- Structured integrated drainage



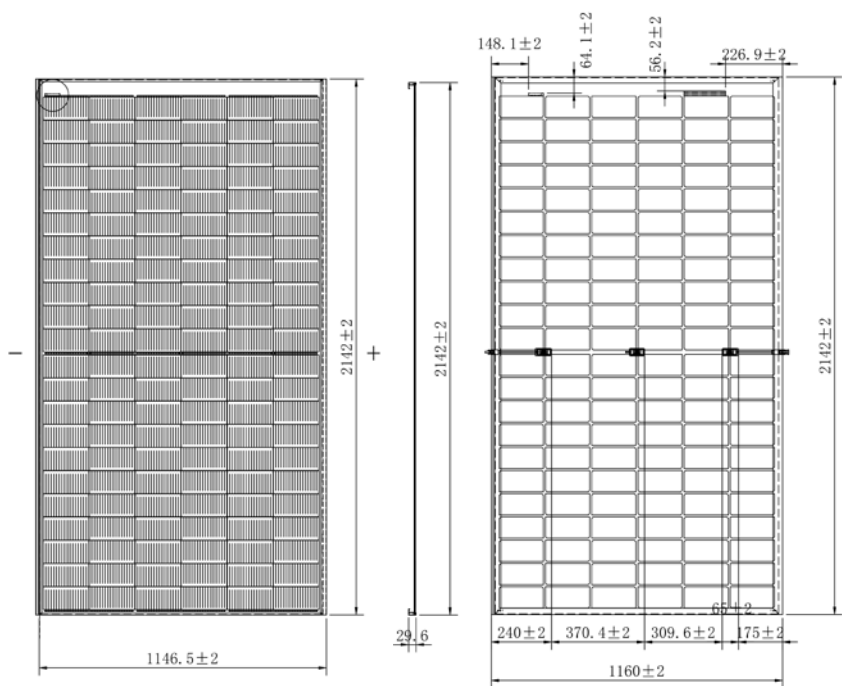
### High Power Generation

- High-efficiency TOPCon Cells
- Bifacial PV products



This module has passed the Hail Class 3 test.





BMT-P2/132A

Structural Data

BMT-P2/132A (Hoop)

Size	$2142 \pm 2 * 1160 \pm 2 * 29.6 \pm 1$ mm
Weight	$30.1 \pm 0.5$ kg
Cable	$4 \text{ mm}^2$
Cell Type	N-Type TOPCon Half Cells (132pcs)

Electrical Data (STC)

Power (W)	535W
Efficiency (%)	21.5%
Power/ $\text{m}^2$ (W/ $\text{m}^2$ )	$215 \text{ W}/\text{m}^2$
Voltage at Max Power (Vmpp)	41.47V
Voltage at Open Circuit (Voc)	48.21V
Current at Max Power (Impp)	12.90A
Current at Short Circuit (Isc)	13.60A

Load Capacity

Max Front Side Static Load	5400Pa
Max Rear Side Static Load	2400Pa

30-year power generation performance guarantee

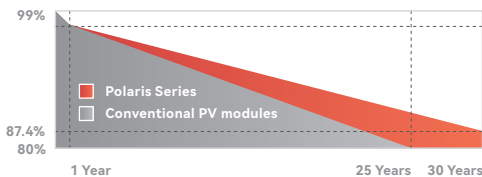
- ✓ 12-year product warranty
- ✓ 1% degradation in the first year
- ✓ 0.4% decay per year
- ✓ 30-year power guarantee

Working Parameters

Maximum System Voltage	1500V
Maximum Fuse Rating Operation	25A
Temperature Range	$-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
The Rated Operating Temperature	$45 \pm 2^{\circ}\text{C}$
Bifaciality Coefficients	$\phi_{\text{Voc}} = 99 \pm 1\%$ $\phi_{\text{Isc}} = 80 \pm 5\%$ $\phi_{\text{Pmax}} = 80 \pm 5\%$
Fire-resistant Class	A
Ingress Protection Rating	IP67
Protection Class	II

Temperature Parameters

Isc TP	$+0.029\%/^{\circ}\text{C}$
Voc TP	$-0.27\%/^{\circ}\text{C}$
Pmpp TP	$-0.30\%/^{\circ}\text{C}$



PV Charging Carport With Storage



Flat-to-pitched Roof Conversion



Sun Shed