



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

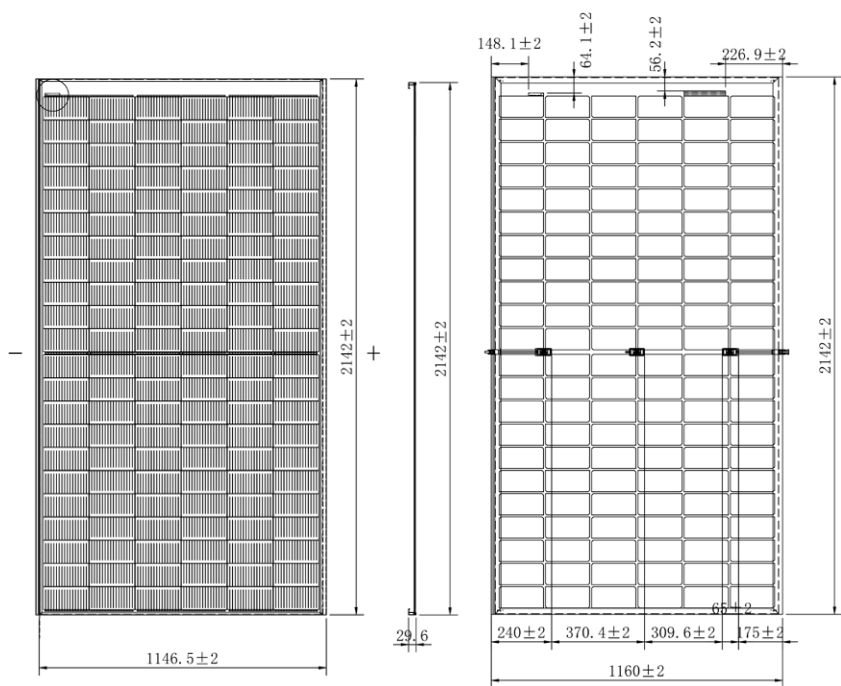


High Power Generation

- 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±2*1160±2*29.6±1mm |
| Weight | 30.1±0.5kg |
| Cable | 4 mm ² |
| Cell Type | N-Type TOPCon Half Cells (132pcs) |

Electrical Data (STC)

| | |
|--|---------------------|
| Power (W) | 535W |
| Efficiency (%) | 21.5% |
| Power/m ² (W/m ²) | 215W/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

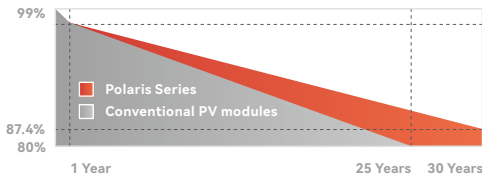
- ✓ 12-year product warranty
- ✓ 1% degradation in the first year
- ✓ 0.4% decay per year
- ✓ 30-year power guarantee

Working Parameters

| | |
|---------------------------------|--|
| Maximum System Voltage | 1500V |
| Maximum Fuse Rating Operation | 25A |
| Temperature Range | -40°C ~+85°C |
| The Rated Operating Temperature | 45±2°C |
| Bifaciality Coefficients | $\phi_{Voc}=99\pm1\%$ $\phi_{Isc}=80\pm5\%$ $\phi_{Pmax}=80\pm5\%$ |
| Fire-resistant Class | A |
| Ingress Protection Rating | IP67 |
| Protection Class | II |

Temperature Parameters

| | |
|---------|------------|
| Isc TP | +0.029%/°C |
| Voc TP | -0.27%/°C |
| Pmpp TP | -0.30%/°C |



PV Charging Carport With Storage



Flat-to-pitched Roof Conversion



Sun Shed