



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

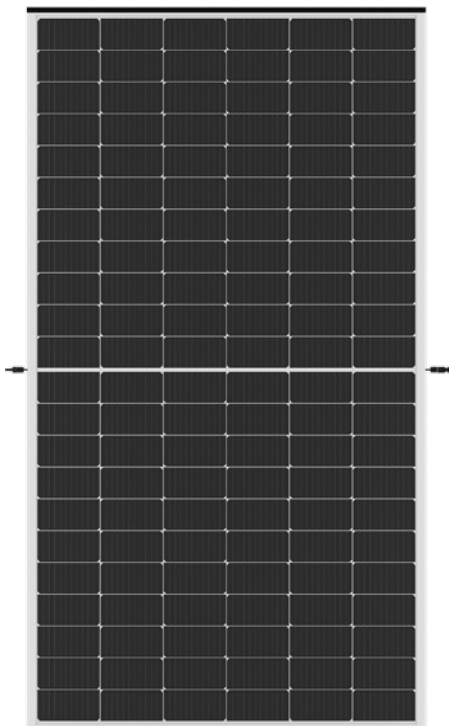


High Power Generation

- High-efficiency TOPCon Cells
- Bifacial PV products

IEC 61215 IEC 61730

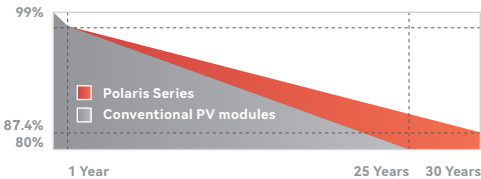




BMT-P2/132A

30-year power generation performance guarantee

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



Structural Data

BMT-P2/132A (Hoop)

Size*	2142 x 1160 x 29.6mm
Weight	30±0.5kg
Cable	4 mm ²
Cell Type	N-Type TOPCon Half Cells (132pcs)

Electrical Data (STC) STC:AM=1.5, irradiance 1000W/ m² , component temperature 25° C

Max Power (Pmax)	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

Working Parameters

Working Temperature	-40°C ~+85°C
Maximum System Voltage	1500V
Fire-Resistant Class	A
Protection Class	II

Temperature Parameters

Isc TP	0.048%/°C
Voc TP	-0.28%/°C
PMPP TP	-0.35%/°C

Mechanical Load

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

*within a tolerance of 2 mm for length and width and 1 mm for height



PV Charging Carport With Storage



Flat-to-pitched Roof Conversion



Sun Shed