

SOLARISE YOUR DRIVE

Polaris Series

BMT-P2/132A | 525W | BMT-P2/144A | 580W

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



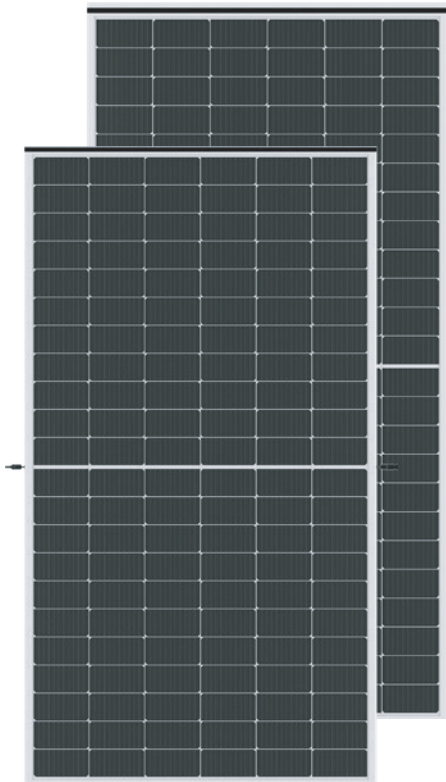
Fast Installation

- Modular design, easy to replace
- Structured integrated drainage



High Power Generation

- High-efficiency TOPCon Cells
- Bifacial PV products

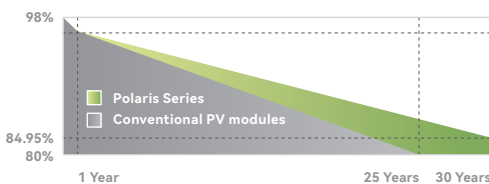


BMT-P2/132A

BMT-P2/144A

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)	BMT-P2/144A (Hoop)
Size *	2142 x 1160 x 29.6mm	2327 x 1160 x 29.6mm
Weight	30±0.5kg	31.8±0.5kg
Cable	4 mm ²	
Cell Type	N-Type TOPCon Half Cells (132pcs)	N-Type TOPCon Half Cells (144pcs)

Electrical Data (STC)

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

Power (W)	525W	580W
Power/ m ² (W/ m ²)	211W/ m ²	215W/ m ²
Voltage at Max Power (Vmpp)	41.02V	44.97V
Voltage at Open Circuit (Voc)	47.78V	52.28V
Current at Max Power (Impp)	12.80A	12.90A
Current at Short Circuit (Isc)	13.50A	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