

Polaris Series

BMT-P2/144A(550W)

The GoodWe Polaris Series is designed to meet the needs of a variety of different applications. Whether installing it on a carport or sun shed, the Polaris Series is adaptable and versatile. One of the standout features of the Polaris Series is the availability of double-glazed tempered glass, which is resistant to high winds. Besides, the modular design and two installation options make it incredibly easy to install, saving time and hassle. Additionally, the integrated drainage structure ensures smooth and leak-free drainage. The Polaris Series also offers comprehensive performance advantages in safety, applicability, durability, economy, and environmental friendliness.



High Impact Resistance

- 2+2mm Reinforced double-glazed glass
- Wind-resistant design
- Maximum static load on the front $\geq 5400\text{Pa}$



Integrated Diverse Applications

- Carport
- Sun Shed



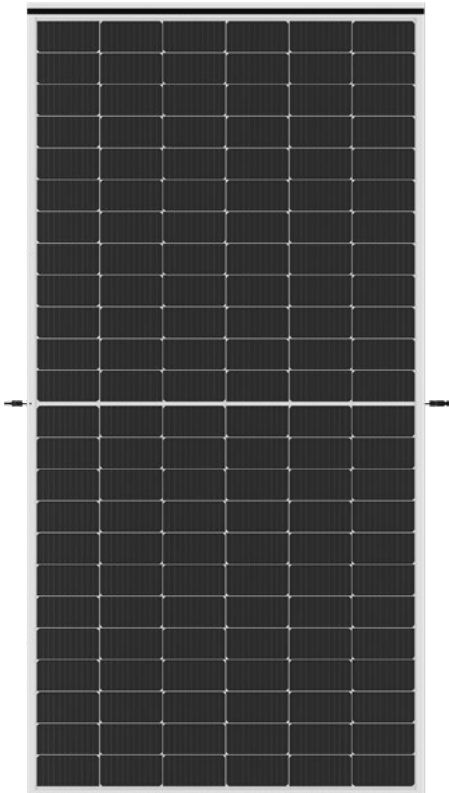
Fast Installation

- Modular design, easy replacement
- Two installation methods, accommodate sophisticated situation



Structured Integrated Drainage

- No need extra water guide
- Excellent waterproof sealing performance



BMT-P2/144A

Structural Data

BMT-P2/144A

Size	2327x1160x30mm
Weight	32kg
Cell Type	182 Mono PERC

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

Max Power (Pmax)	550W
Voltage at Max Power (Vmpp)	41.35V
Current at Max Power (Impp)	13.30A
Voltage at Open Circuit (Voc)	49.84V
Current at Short Circuit (Isc)	14.18A
Module Efficiency	20.4%

Temperature Coefficient

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

Mechanical Load

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

Carbon Neutral Index (30 years)

Energy Output	16326kWh
Equivalent to Standard Coal	4980kg
Carbon Emission Reduction	9486kg



PV Charging Carport With Storage



Various sheds