

SHINE YOUR HOUSE



Sunshine Series

BMT-S2/032A | 120W

Ideal for Pitched Roof Systems on Villa/ Hotel Building/ Community Building/ Public Building

The GoodWe Sunshine Series is an integrated solar roof tile solution for pitched rooftops to replace traditional solar panels and framework for a sleek, aesthetically-pleasing result, that also maximises your rooftop space for more solar production. The integrated tempered double-glass structure ensures the safety of the roof structure. Featuring improved roof ventilation and heat dissipation, as well as fast installation, the Sunshine tiles can not only improve solar power generation efficiency, but also help households lower energy costs while reducing their overall carbon footprint.



Ultra Safe

- Class A fire rating¹
- Hurricane wind-resistance²
- Structural waterproofing³

¹ Burning block test: 300*300*57mm 30min
Flames spread test: 10min < 1.82m
² Wind resistance test: Passed 50m/s
³ Rain test: Passed 9.5L/min



Rapid Installation

- Non-penetrative installation
- Modular design, easy to replace



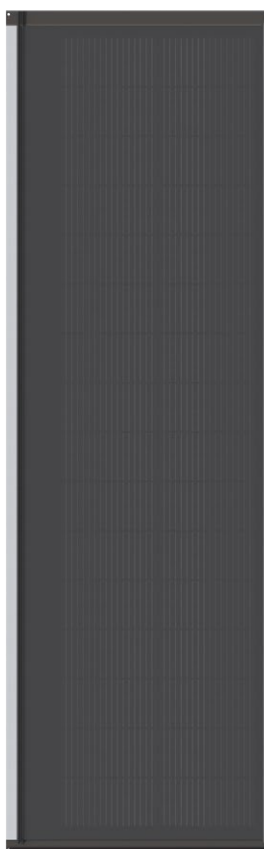
Durable

- Compliant with mandatory certification standards for building materials
- Resulting in same life cycle as buildings



Attractive Appearance

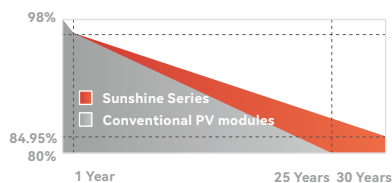
- Compatible with most metal roof tiles
- Self-cleaning and unobstructed drainage



BMT-S2/032A

30-year power generation performance guarantee

- ✓ 2% degradation in the first year
- ✓ 12-year product warranty
- ✓ 0.45% decay per year
- ✓ 30-year power guarantee



Structural Data

BMT-S2/032A

Size	1588±2*490±1*23.5±1mm
Color	Ebony
Weight	14±0.5kg
Cable	4mm ²
Cell Type	N-Type TOPCon Half Cells (32pcs)

Electrical Data (STC)

Max Power (Pmax)	120W
Power/m ² (W/m ²)	191W/m ²
Efficiency (%)	19.1%
Voltage at Max Power (Vmpp)	13.09V
Voltage at Open Circuit (Voc)	15.34V
Current at Max Power (Imp)	9.17A
Current at Short Circuit (Isc)	9.68A

Load Capacity

Maximum static load on the front	5400Pa
Maximum static load on rear side	2400Pa

Working Parameters

Maximum System Voltage	1500V
Maximum Fuse Rating Operation	25A/30A
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
Protection Class	II

Temperature Parameters

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



Residential Housing



Hotels and Commercial Properties with Traditional Pitched Rooftops



Community Buildings



Public Buildings