

## SHINE YOUR HOUSE



### Sunshine Series

**BMT-S2/032A | 120W | BMT-T1/040A | 150W**

**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 rating<sup>1</sup>
- Hurricane wind-resistance<sup>2</sup>
- Structural waterproofing<sup>3</sup>

<sup>1</sup> Burning block test: 300×300×57mm 30min  
Flames spread test: 10min < 1.82m

<sup>2</sup> Wind resistance test: Passed 50m/s

<sup>3</sup> 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



BMT-T1/040A

Structural Data

	BMT-S2/032A	BMT-T1/040A
Size (mm)	1588±2*490±2*23.5±1	2040±2*494±2*26±1
Color	Ebony	Ebony
Weight	14±0.5kg	10±0.5kg
Cable	4mm <sup>2</sup>	4mm <sup>2</sup>
Cell Type	TOPCon Half Cells(32 pcs)	TOPCon Half Cells(40 pcs)

Electrical Data (STC)

Max Power (Pmax)	120W	150W
Power/m <sup>2</sup> (W/m <sup>2</sup> )	191W/m <sup>2</sup>	164W/m <sup>2</sup>
Efficiency (%)	19.1%	16.4%
Voltage at Max Power (Vmpp)	9.48V	11.74V
Voltage at Open Circuit (Voc)	11.04V	14.28V
Current at Max Power (Impp)	12.67A	12.78A
Current at Short Circuit (Isc)	13.51A	13.82A

Load Capacity

Maximum static load on the front	5400Pa	7200Pa
Maximum static load on rear side	2400Pa	2400Pa

Working Parameters

Maximum System Voltage	1500V	1500V
Maximum Fuse Rating Operation	25A/30A	25A/30A
Temperature Range	-40° C~+85° C	-40° C~+85° C
The Rated Operating Temperature	45±2°C	45±2°C
Fire-resistant Class	A	C
Protection Class	II	II

Temperature Parameters

Isc TP	0.030%/°C	0.030%/°C
Voc TP	-0.27%/°C	-0.27%/°C
Pmpp TP	-0.30%/°C	-0.30%/°C



Residential Housing



Hotels and Commercial Properties  
with Traditional Pitched Rooftops



Community Buildings



Public Buildings