

GOODWE

SHINE YOUR HOUSE



Sunshine Series

BMT-S2/024A BMT-S2/032A BMT-T1/040A

Designed for architectural aesthetics

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
- Same life cycle as buildings

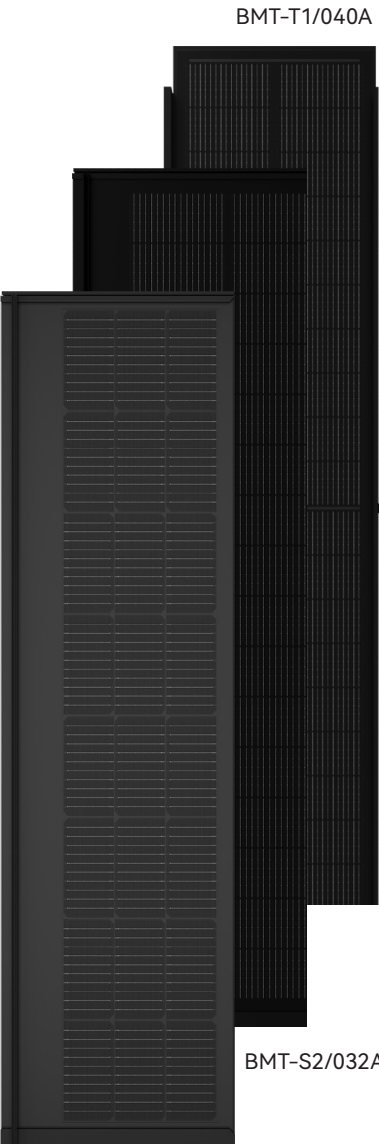


Attractive Appearance

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

IEC 61215
IEC 61730
IEC 63092





BMT-S2/024A

BMT-T1/040A

BMT-S2/032A

Structural Data	BMT-S2/024A	BMT-S2/032A	BMT-T1/040A
Size (mm)	1556±2*420±1*23.5±1	1588±2*490±1*23.5±1	2060±2*444±2*25±2
Color	Ebony	Ebony	Ebony
Weight	11.5±0.5kg	14±0.5Kg	8.2±0.5kg
Area	0.654m²	0.778m²	0.915m²
Cell Type	Mono PERC (24pieces)	Mono PERC (32pieces)	Mono PERC(40pieces)
Installation Method	Integrated Batten Hook		
Waterproofing Method	Structural Waterproofing		
Safety Data			
Mechanical Loads	5400Pa		
Fire Test Rating	A		
Windproof Rating	Wind resistance up to 15 gusts		
Hail Resistance Rating	4 (ANSI FM4473)		
Dust Proof Rating	IP67		
Electrical Data			
Max Power (Pmax)	84W	110W	150W
Voltage at Max Power (Vmpp)	6.80V	12.18V	11.56V
Voltage at Open Circuit (Voc)	8.34V	14.30V	13.54V
Current at Max Power (Impp)	12.37A	9.03A	12.98A
Current at Short Circuit (Isc)	12.89A	9.54A	13.82A
Power	131W/m²	180W/ m²	164W/ m²
Function Configuration	Adapted to rapid shutdown, SunSpec compliant/NEC2020-690.12 compliant		



Residential housing



Hotels and commercial properties with traditional pitched rooftops



Community buildings



Public buildings