

GOODWE



Sunshine Series

BMT-S1/032A (92W)

GoodWe Sunshine Series are solar tiles that accommodate a variety of roofing styles. 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 the energy efficiency of a building, but also help households lower energy costs while reducing their overall carbon footprint.



Ultra Safety

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

¹ Burning block test: 300*300*57mm 30min

² Wind resistance test: Passed 50m/s

³ Rain test: Passed 9.5L/min



Durable

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



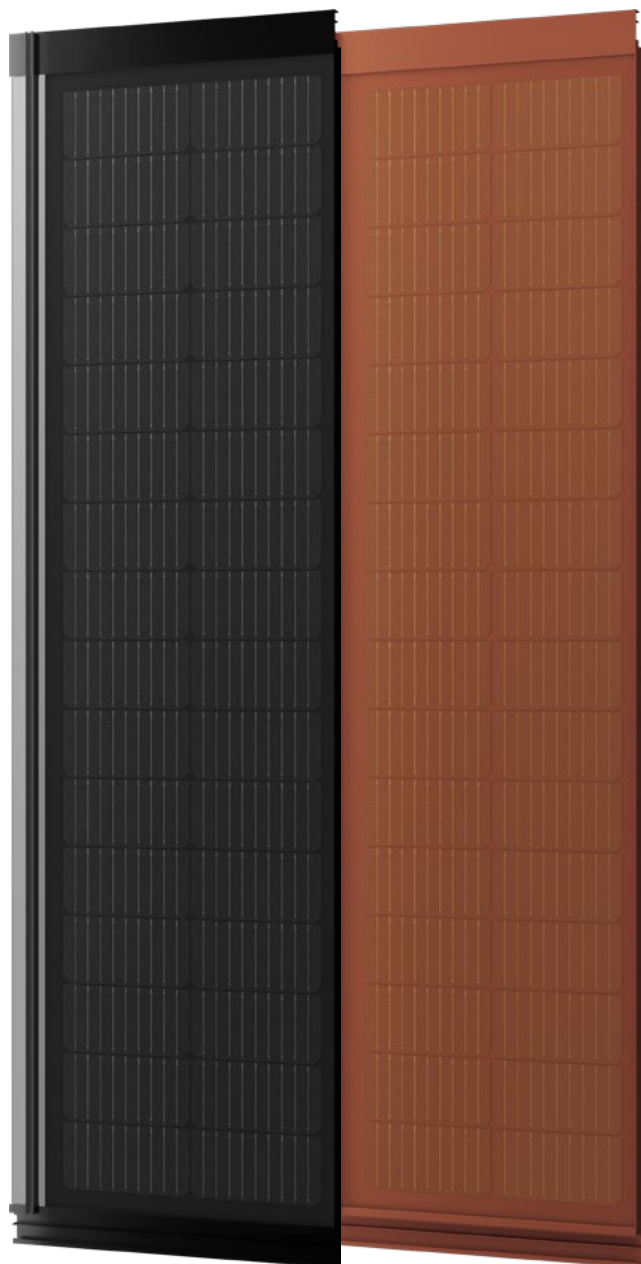
Rapid Installation

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



Attractive Appearance

- Traditional tiles compatibility
- Self-cleaning and unobstructed drainage



BMT-S1/032A

Structural Data

Size	1508×420×23.5mm
Color	Ebony
Weight	11±0.5kg
Area	0.633m ²
Package Type	Laminated Glass
Cell Type	Mono PERC
Installation Method	Integrated Batten Hook
Waterproofing Method	Structural Waterproofing

Safety Data

Mechanical Loads	≥ 5400Pa
Fire Test Rating	Class A
Windproof Rating	Wind resistance up to 14 gusts
Hail Resistance Rating	4 (ANSI FM4473)
Dust Proof Rating	IP67

Electrical Data

Max Power (Pmax)	92W
Voltage at Max Power (Vmpp)	9.03V
Current at Max Power (Imp)	10.19A
Voltage at Open Circuit (Voc)	10.97V
Current at Short Circuit (Isc)	10.73A
Power	170W/m ²
Function configuration	Adapted to rapid shutdown, SunSpec compliant/NEC2020-690.12 compliant

Carbon Neutral Index (30 Years)

Energy Output	2703kWh
Equivalent to Standard Coal	824kg
Carbon Emission Reduction	2162kg



Villa



Hotel Building



Community Building



Public Building