

# FEATHER-LIGHT STEEL-TOUGH

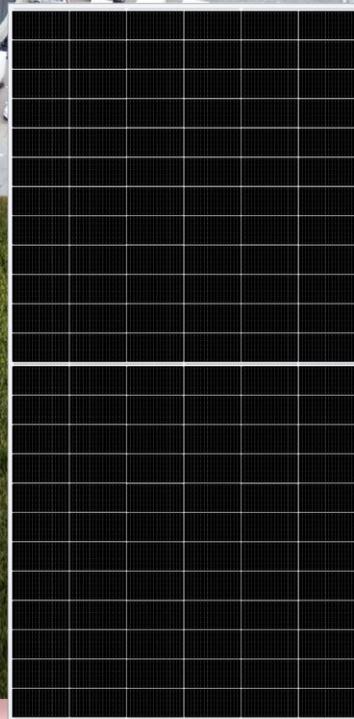


## Galaxy Series

BMT-G5/144A | 580W

**Ideal for C&I Roof Tops/ Patio/Pergola/Shed & Solar Trailer/Flat Roof**

Galaxy Series is a lightweight solar panel product designed for industrial and commercial applications. With an ultra-lightweight design and aluminum alloy frame, Galaxy is especially ideal for low load-bearing and poor waterproofing roofs while ensuring power generation efficiency. It is worth mentioning that the 1.6mm ultra-thin glass is added to Galaxy, which greatly helps improve its ability to resist strong impact from wind and hail, bringing durability and safety to buildings with all-weather protection. Furthermore, various installation methods and the integrated design also enable rapid and streamlined installation, resulting in significant cost savings out of reduced labor time.



### Ultra-lightweight

- Up to 40% lighter than conventional module
- Suitable for roofs with a low load-bearing capacity



### Various & Quick Installation

- No roof penetration
- 3 Min/pcs Rapid Installation
- Clamps for metal roofs
- Glue for flat roofs



### High Reliability

- Wind<sup>1</sup> and hail<sup>2</sup> impact resistance
- Maximum static snow load up to 5400Pa
- Aluminum alloy frame
- Enhanced capability for self-cleaning
- Reduced fire risks



### High Power Generation

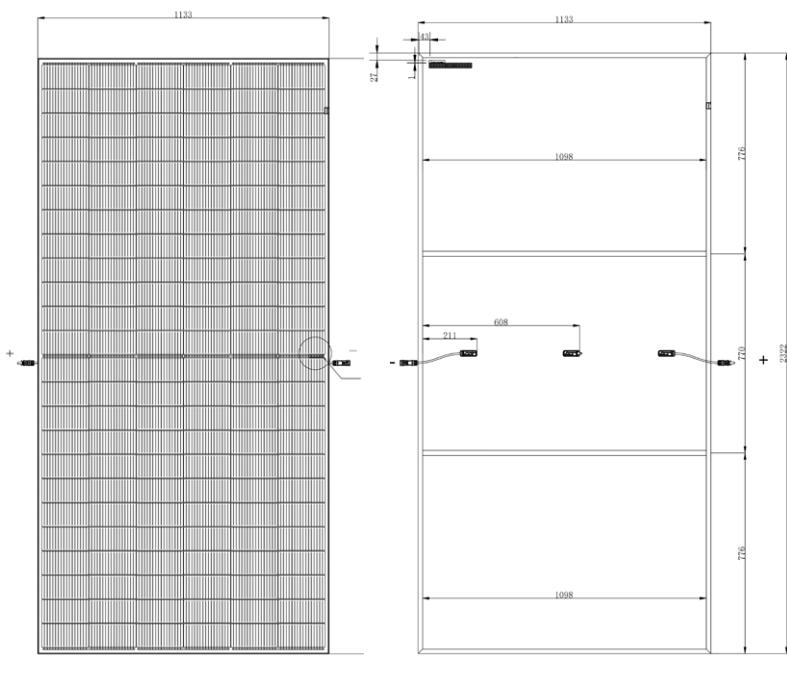
- High-efficiency TOPCon cells
- 2% less generation loss<sup>3</sup> with ventilation design
- Up to 220W per square meter of power generation

<sup>1</sup>Based on internal lab test

<sup>2</sup>Third-party lab test from CTC

<sup>3</sup>Third-party TUV lab: report number CN22Z6P8 001

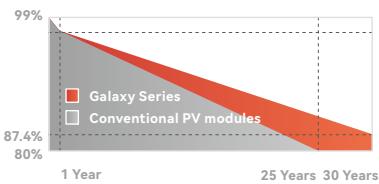




BMT-G5/144A

## 30-year power generation performance guarantee

- ✓ 1% degradation in the first year
- ✓ 15-year product warranty
- ✓ 0.4% decay per year
- ✓ 30-year power guarantee



## Operation Conditions

Maximum System Voltage	1500V
Maximum Fuse Rating Operation	25A
Temperature Range	-40° C ~+85° C
Hail Test	Hail diameter: 25mm Specified speed: 23m/s
The Rated Operating Temperature	45±2°C
Fire-resistant Class	C
Protection Class	II

## Temperature Coefficient

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

