

## FEATHER-LIGHT STEEL-TOUGH

### Galaxy Series

BMT-G4/088A | 365W | 370W

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 PPO edge protection, 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

- The lightest weighs 5.6 kg/m<sup>2</sup>
- Up to 60% lighter than conventional module
- Suitable for roofs with a low load-bearing capacity



#### Various & Quick Installation

- 3 Min/pc 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 2400Pa
- Enhanced capability for self-cleaning
- PPO Edge protection
- Reduced fire risks



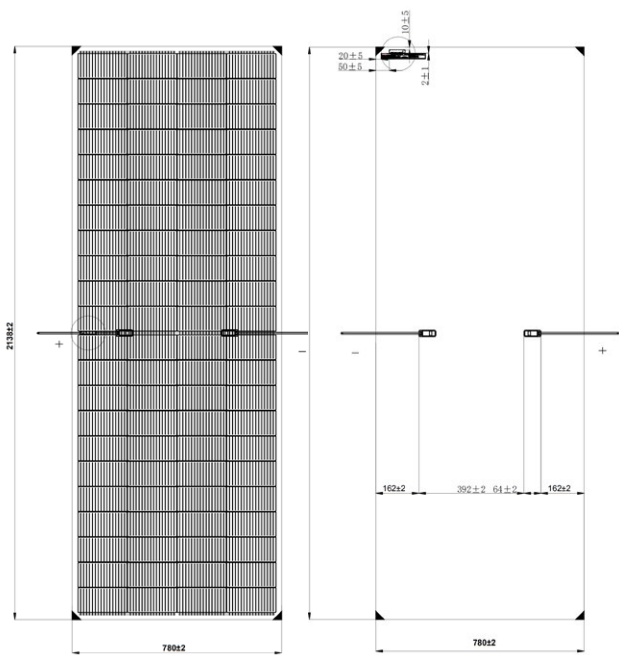
#### High Power Generation

- No roof penetration
- High-efficiency TOPCon cells
- 2% less generation loss<sup>3</sup> with ventilation design
- Up to 213W per square meter of power generation

<sup>3</sup>Based on internal lab test

<sup>1</sup>Third-party lab test from CTC

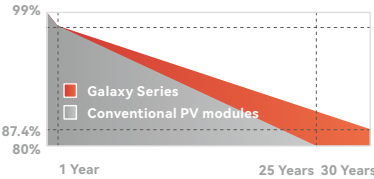
<sup>2</sup>Third-party TUV lab: report number CN22Z6P8 001



BMT-G4/088A

30-year power generation performance guarantee

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



Load Capacity

|                                  |        |
|----------------------------------|--------|
| Maximum static load on the front | 2400Pa |
| Maximum static load on rear side | 2400Pa |

Working Parameters

|                                 |                                            |
|---------------------------------|--------------------------------------------|
| 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                                          |
| Ingress Protection Rating       | IP67                                       |
| Protection Class                | II                                         |

Temperature Parameters

|        |           |
|--------|-----------|
| Isc TP | 0.03%/°C  |
| Voc TP | -0.27%/°C |
| Pmp TP | -0.30%/°C |

\*With PPO edge protection to reduce the risk of glass damage from corner impacts.

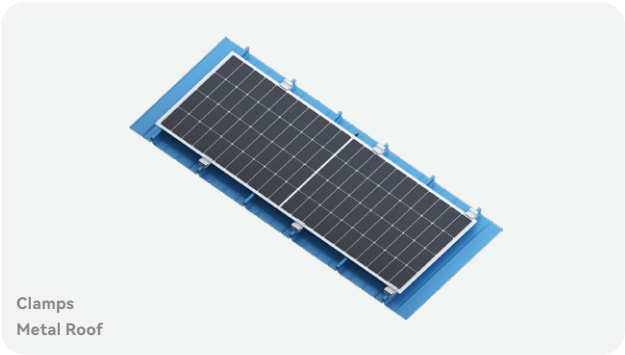
Structural Data

BMT-G4/088A

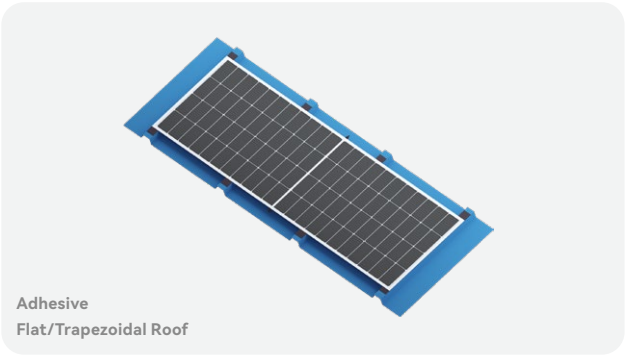
|               |                           |
|---------------|---------------------------|
| Size          | 2138±2*780±2*5±1mm        |
| Weight        | 9.3±0.7kg                 |
| Unit Weight   | 5.6±0.4kg/m²              |
| Front Surface | 1.6mm tempered glass      |
| Cell Type     | TOPCon Half Cells (88pcs) |
| Frame         | Frameless*                |

Electrical Data (STC)

|                                |         |         |
|--------------------------------|---------|---------|
| Max Power (Pmax)               | 365W    | 370W    |
| Power/ m² (W/m² )              | 219W/m² | 222W/m² |
| Efficiency (%)                 | 21.9%   | 22.19%  |
| Voltage at Max Power (Vmpp)    | 27.53V  | 27.80V  |
| Voltage at Open Circuit (Voc)  | 32.42V  | 32.68V  |
| Current at Max Power (Impp)    | 13.26A  | 13.31A  |
| Current at Short Circuit (Isc) | 13.87A  | 13.92A  |



Clamps  
Metal Roof



Adhesive  
Flat/Trapezoidal Roof