

# Colored Glaze · Solar Fence



Crystalline Silicon Photovoltaic Building Materials (BIPV)

- Ultra-narrow frame design, unobstructed sight
- Hot-spots resistance, can be used to skylight, facade, balcony fences, etc.



## Architectural aesthetics

Excellent light transmission performance: Large spacing, ultra-fine cells

Beauty: Sliced cell use can form different patterns by adjusting the spacing between cells and the width of cells to beautify the building

Customization: Size, shape and transmittance can be customized



## Energy-saving, clean and environmental-friendly

Energy-saving: Reduce building energy consumption

Energy generation: Solar power generation for clean energy to support carbon neutral

Environmentally-friendly: No noise, no radiation, no light pollution, non-toxic and harmless



## Same life Span as building

Physical performance: Construction encapsulant, more than 40 certifications, same life as the building

GB/T35684 waterproof test, class A fireproof, wind resistance



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## ELECTRICAL PARAMETERS(STC)

|                                       |                |                  |
|---------------------------------------|----------------|------------------|
| Product type                          | JS82DG-72b 1/9 | JS165DG-150b 1/9 |
| Power output ( $\Delta P_{max}$ )     | 82W            | 165W             |
| Power output tolerances ( $P_{max}$ ) | $\pm 5W$       | $\pm 5W$         |
| Voltage at Pmax ( $V_{mpp}$ )         | 78.8V          | 163.4V           |
| Current at Pmax ( $I_{mpp}$ )         | 1.04A          | 1.01A            |
| Open-circuit current ( $V_{oc}$ )     | 95.3V          | 197.7V           |
| Short-circuit current ( $I_{sc}$ )    | 1.09A          | 1.06A            |

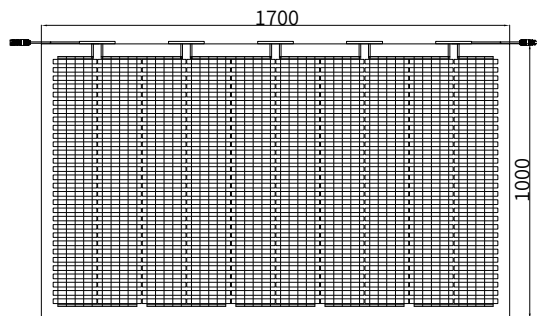
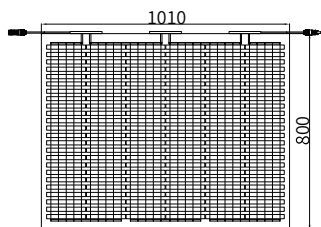
STC: 1000W/m2 irradiance , 25 degree cell temperature, AM1.5g.

## CONSTRUCTION MATERIALS

|                 |                |                  |
|-----------------|----------------|------------------|
| Product type    | JS82DG-72b 1/9 | JS165DG-150b 1/9 |
| Dimensions      | 1010*800mm     | 1700*1000mm      |
| Glass structure | 6mm+6mm        | 6mm+6mm          |
| Cell layout     | 6*24           | 10*30            |
| Weight          | 27kg           | 57kg             |
| Transmittance   | 52%            | 52%              |

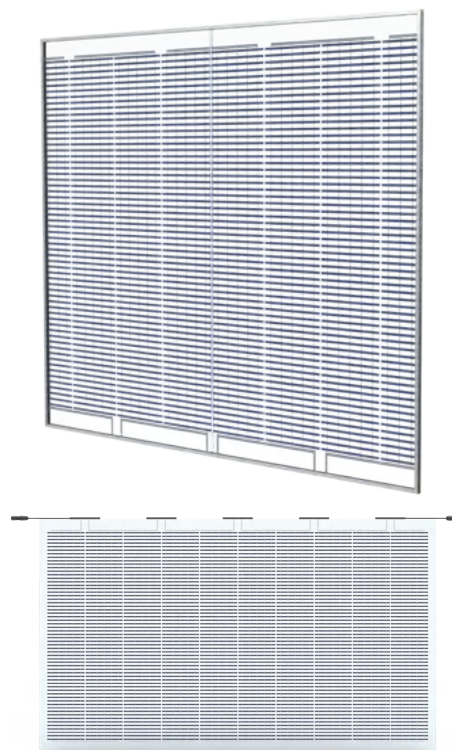
## DIMENSIONS

Unit: mm



Due to continuous innovation, research and product improvement, the specifications in this product information sheet are subject to change without prior notice. The specifications may deviate slightly and are not guaranteed. The data do not refer to a single module and they are not part of the offer, they only serve for comparison to different module types.

## PRODUCT DISPLAY



## CASE STUDY



## QUALIFICATIONS AND CERTIFICATIONS

IEC 61215, IEC 61730, 3C, ISO 9001:2015, ISO 14001:2015, ISO 45001: 2018.