



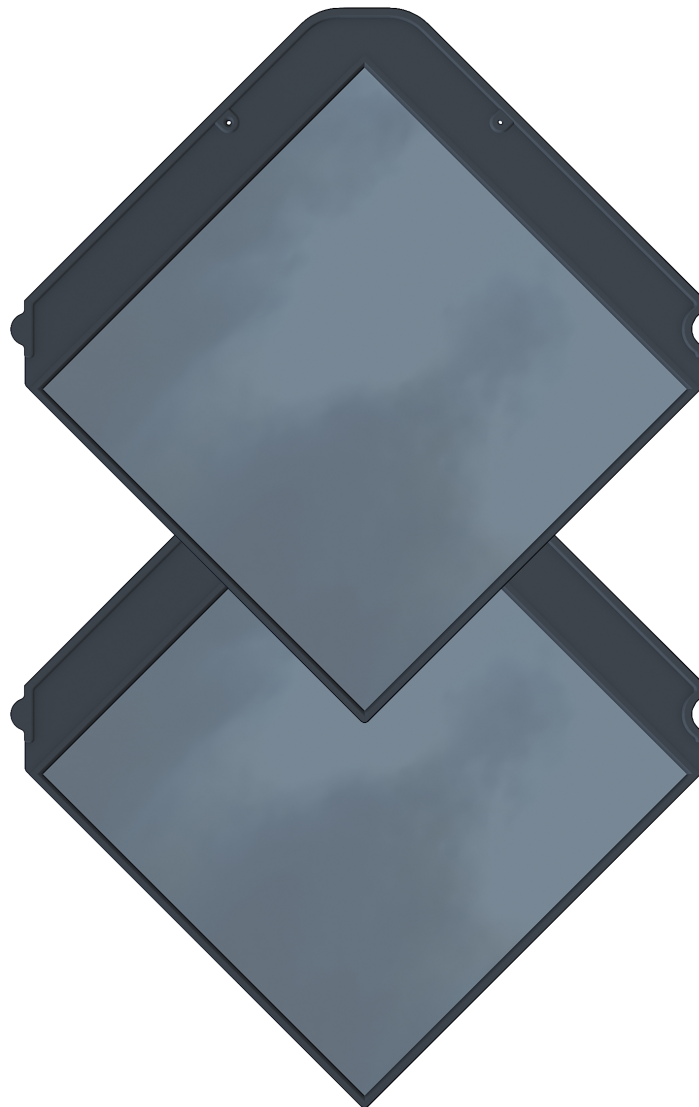
CdTe Power Glass

PV Tile Series

Suitable for roofs, and the color and size can be customized to meet the needs of different architectural styles.

PRODUCT & CERTIFICATION

- IEC/EN61215 IEC/EN61730
- GB/T15763.3
- JGJ102
- Fire Rating: Class A



Low Carbon

Low carbon footprint, low water footprint, short production chain, short energy payback period.



Strong Adaptability

Low temperature coefficient, stable generation efficiency in high-temperature environments.



Low-Light Power Generation

Minimal impact from light incidence angles, minimal impact from haze and overcast conditions.



Flexible Customization

Customizable dimensions, colors, patterns, light transmission, etc., suitable for various architectural styles.



Fire Safety

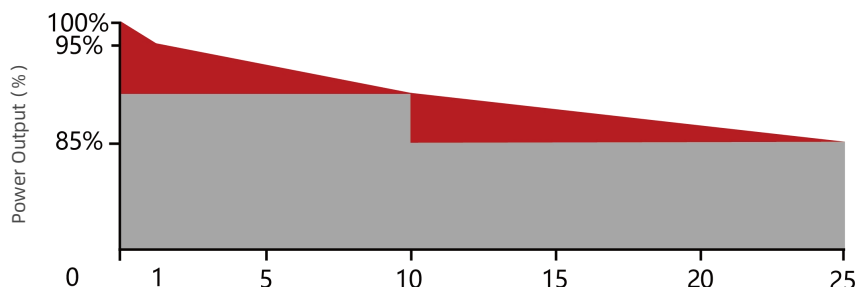
Low current, low heat generation, no hot spots, Class A fire safety rating.



Energy saving

Good thermal performance, zero light pollution, isolate ultraviolet and partial infrared radiation.

QUALITY



PRODUCT
WARRANTY



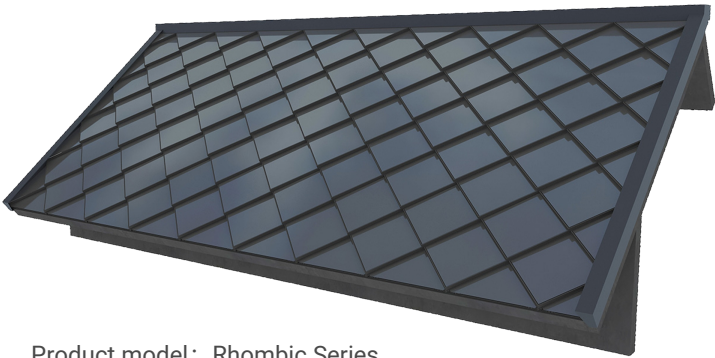
LINEAR PERFORMANCE
WARRANTY



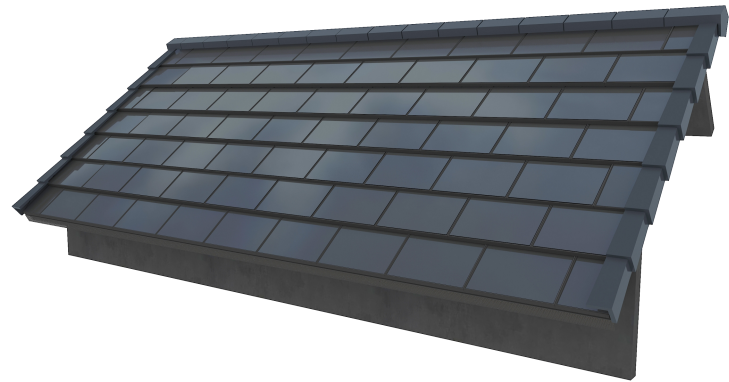
PV Tile Series

WHERE THERE IS LIGHT, THERE IS ELECTRICITY.

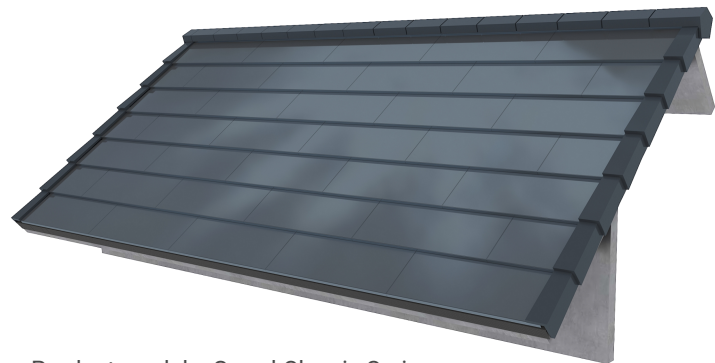
PRODUCT MODEL



Product model: Rhombic Series
Glass size: 400*400mm
Tile size: 480*480*25mm
Tile consumption per square meter: ≈6 pcs/m²



Product model: Small Classic Series
Glass size: 600*400mm
Tile size: 670*480*25mm
Tile consumption per square meter: ≈4 pcs/m²



Product model: Grand Classic Series
Glass size: 1200*400mm
Tile size: 1248*452*25mm
Tile consumption per square meter: ≈2 pcs/m²

ELECTRICAL SPECIFICATIONS(STC)

MODEL		1200*400	600*400	400*400	1200*400 (青瓦)
Pmax	W	71	34	23	56
Power Tolerance	%	±3	±3	±3	±3
Vmpp	V	35.05	35.05	35.05	35.05
Imp	A	2.05	0.99	0.65	1.64
Voc	V	45.57	45.57	45.57	45.57
Isc	A	2.35	1.76	0.78	1.88

STC: 1000W/m², 25°C, AM1.5

TEMPERATURE CHARACTERISTICS

Nominal Operating Cell Temperature	42.3±2°C
Temperature Coefficient of Pmax	-0.189%/°C
Temperature Coefficient of Voc	-0.396%/°C
Temperature Coefficient of Imp	+0.061%/°C

OPERATING PARAMETERS

Maximum System Voltage	1000V
Reverse Current Tolerance Threshold	3.53/1.76/1.17/2.82
Operating Temperature Range	-40°C~+85°C
Maximum Static Load	2400Pa/5400Pa
Hail Test	Pass
IP Rating	IP67

MECHANICAL PARAMETERS

Size	1200*400mm	600*400mm	400*400mm
Thickness	7mm	7mm	7mm
Total Module Thickness	25mm	25mm	25mm
Area	0.48m ²	0.24m ²	0.16m ²
Weight	7.3kg	3.7kg	2.5kg
Module Structure	3.2mmCdTe+3.2mm		
Color	Elegant black, high-grade grey, forest green, emperor gold, sky blue, etc.		

- Product installation must strictly comply with the user manual. Please carefully review the user manual or contact the Triumph Glass Holdings after-sales service department for installation guidelines.
- The technical parameters contained in this technical specification document may have slight deviations, involving specific descriptions of technical changes and testing conditions. Triumph Glass Holdings reserves the right of final interpretation. Upon signing the contract, the customer should obtain the latest version of the technical specification document, which shall form an integral part of the legally binding contract agreed upon by both parties.