



中国建材

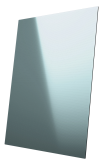
# 凯盛玻璃控股有限公司

Triumph Glass Holdings Co., Ltd.

POWER UP BUILDING WITH GLASS  
BEAUTIFY THE EARTH

## CdTe Power Glass

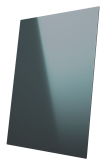
### Colored Glaze Series



Silver



Gold



Dark gray



Forest green

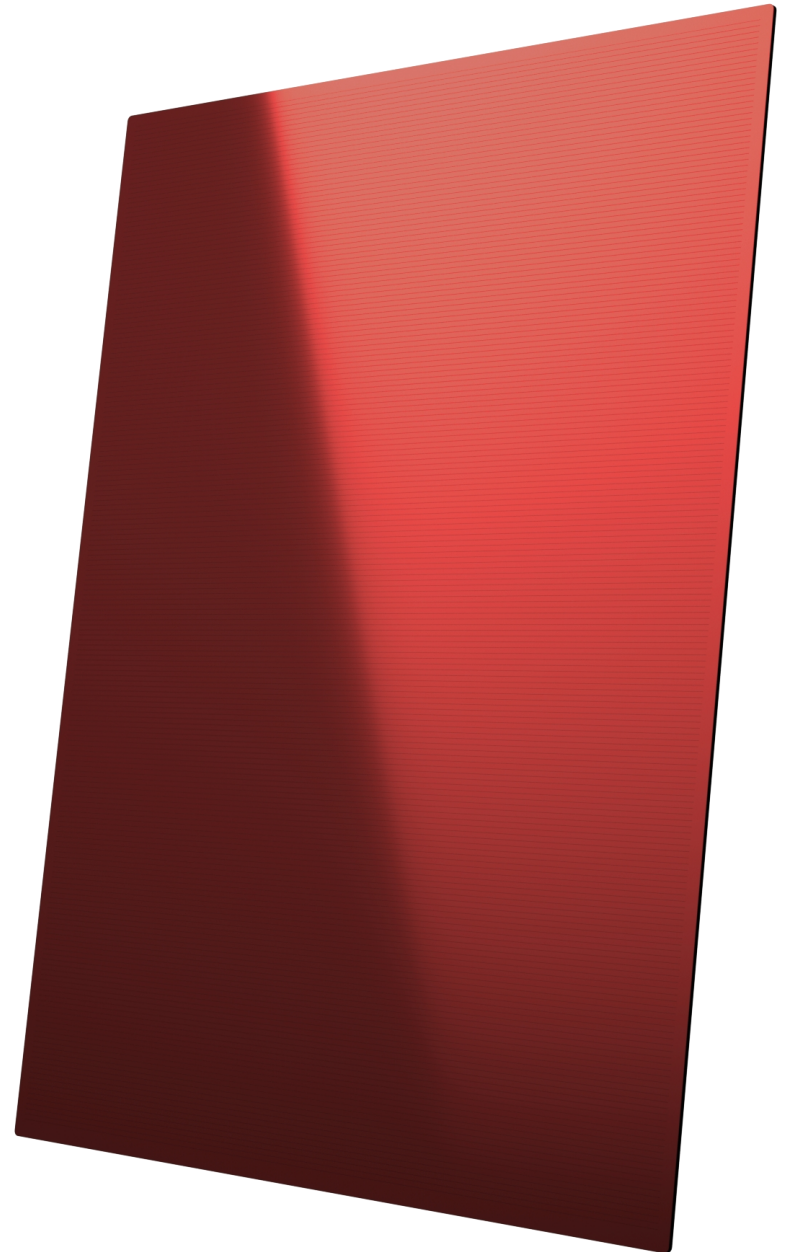


Sky blue

Suitable for building facade, corridor, observation decks, etc.  
Various colors for selected.

### PRODUCT & CERTIFICATION

- IEC/EN 61215 IEC/EN6 1730
- 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

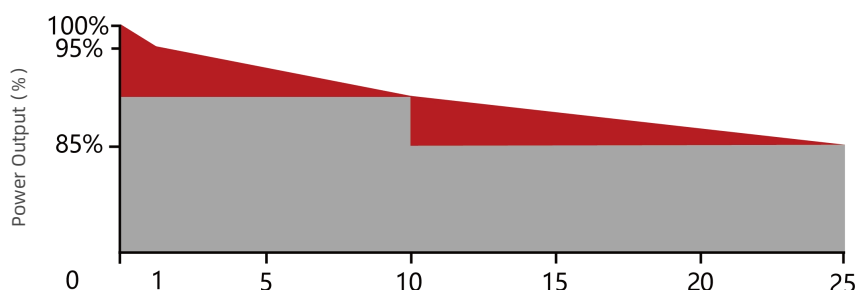
Low current, low heat generation, no hot spots, Class A fire safety rating.



#### Energy saving

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

### QUALITY



10 Year  
PRODUCT WARRANTY



25 Year  
LINEAR PERFORMANCE WARRANTY

Web: [www.ksblkg.com](http://www.ksblkg.com)

Tel.: 400-999-6516

Addr.: Room 210, No. 7, Lane 458 Yichang Road, Putuo District, Shanghai



Official Account



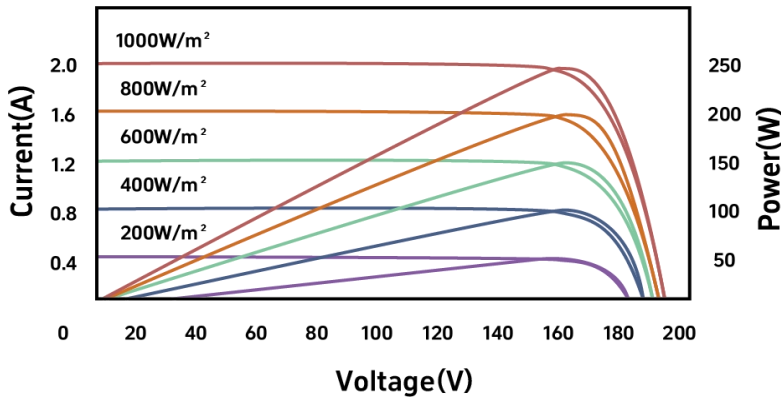
Channels

# Colored Glaze Series

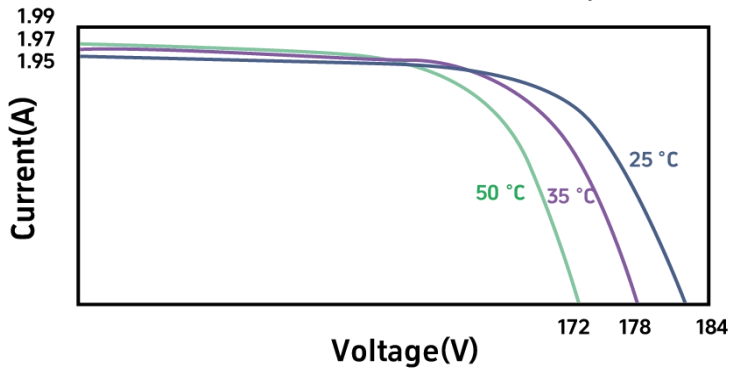
WHERE THERE IS LIGHT, THERE IS ELECTRICITY.

## IV CURVE

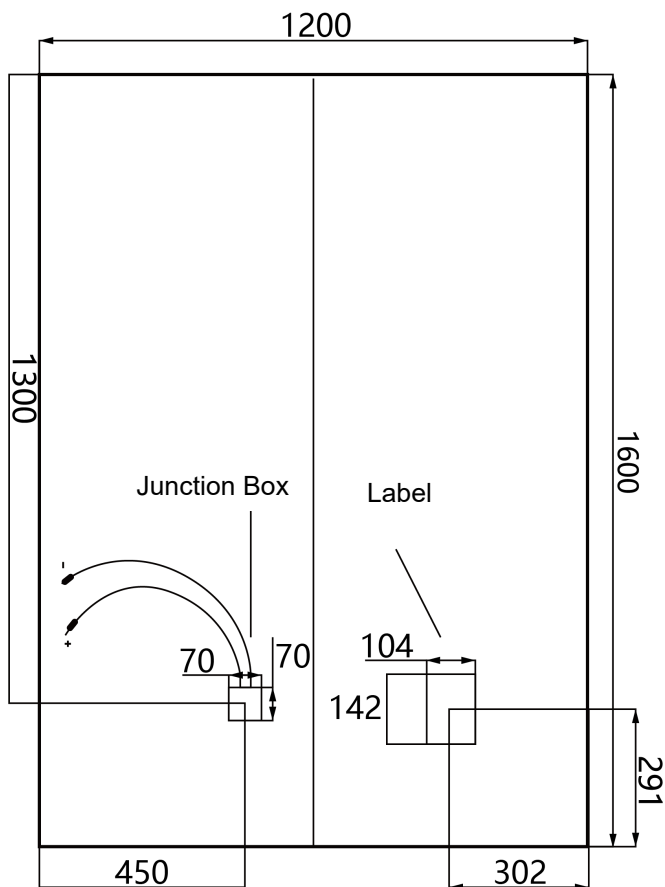
IV curves of CdTe-CBS1-B under different light intensities



IV curves of CdTe-CBS1-B at different temperatures



## MECHANICAL SPECIFICATIONS



Unit: mm

## ELECTRICAL SPECIFICATIONS(STC)

MODEL		CdTe-CBS1-B	CdTe-CBS1-G	CdTe-CBS1-W	CdTe-CBS1-R
Pmax	W	270	240	210	200
Power Tolerance	%	±3	±3	±3	±3
Vmpp	V	211	211	211	211
Impp	A	1.28	1.14	0.95	0.95
Voc	V	269	269	269	269
Isc	A	1.38	1.23	1.02	1.02

STC: 1000W/m<sup>2</sup>, 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 Impp	+0.061%/°C

## OPERATING PARAMETERS

Maximum System Voltage	1000V
Reverse Current Tolerance Threshold	Blue2.07A/Green1.85A/Silver1.53A
Operating Temperature Range	-40°C~+85°C
Maximum Static Load	3600Pa
Hail Test	Pass
IP Rating	IP67

## MECHANICAL PARAMETERS

Size	1600*1200mm		
Thickness	11mm	17mm	22mm
Total Module Thickness	31mm	37mm	42mm
Area	1.92m <sup>2</sup>		
Weight	50kg	74kg	94kg
Bypass Diodes	HY6A10S		
Leadwire	2.5mm <sup>2</sup> , 900mm		
Module Structure	3.2mm+3.2mm+3.2mm	6mm+3.2mm+6mm	8mm+3.2mm+8mm
Color	Customizable		

- 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.