

CIGS Power Glass

Colored Series

Various and customized

- IEC/EN 61215-2/61730
- DIN V VDE 0126-3, DIN V VOE V 0126-5
- Safely level: Class II
- Fire protection class C



Temperature coefficient	
NMOT	20±2°C
Pmax-	0.32%/°C
Voc	-0.17%/°C
Isc	0%/°C

Attenuation coefficient	
First year attenuation	5%
The following year and beyond	0.4%

Suitable for building facades, corridors, observation platforms, anti slip floors, etc., with various colors.



Usage Scenarios and Product Parameters

Signal-to-transmission coefficient				
Model CIGS-TG(*)				
Colors	China red	Sunshine gold	Forest green	Sky blue
Pmax(W)	90	100	110	120
Power tolerance(%)	-5/+5	-5/+5	-5/+5	-5/+5
Efficiency(%)	8.6	9.5	10.5	11.4
Vmpp(V)	60	60	60	60
Imp(A)	1.582	1.761	1.941	2.064
Voc(V)	76.50	76.7	76.9	77.5
Isc(A)	1.820	2.006	2.192	2.310

STC(Standard test conditions): the amount of irradiation $1000W/m^2$, Battery temperature $25^{\circ}C$, AM(air mass) 1.5

Operation parameters	
Maximum System Voltage	1000V
Reverse current withstand threshold	4.0A
Operation temperature	$-40^{\circ}C \sim +85^{\circ}C$
Maximum static load	3600Pa(Including snow load)
Hail test	2400(Excluding snow load)
Protection grade	pass
Maximum System Voltage	IP67

Mechanical parameters	
Glass Size	1587mm*664mm
Glass Thickness	5.8mm
Thickness of product	18.8mm(including junction box thickness)
Square Measure	$1.05m^2$
Weight	17kg
Junction box	Split-type junction box
Structure	3.2 mm ultra-clear tempered colored glass + EVA/POE/PVB interlayer + 2.1 mm light-emitting glass
Can choose color	China red, Sunshine gold, sky blue, etc.