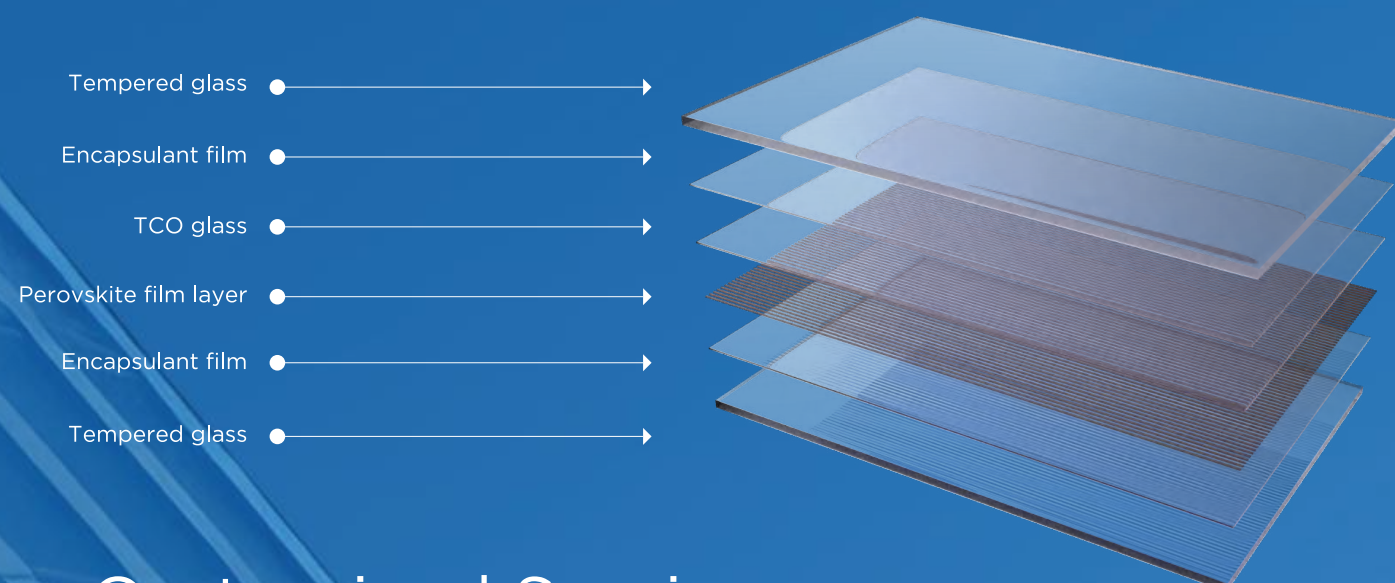
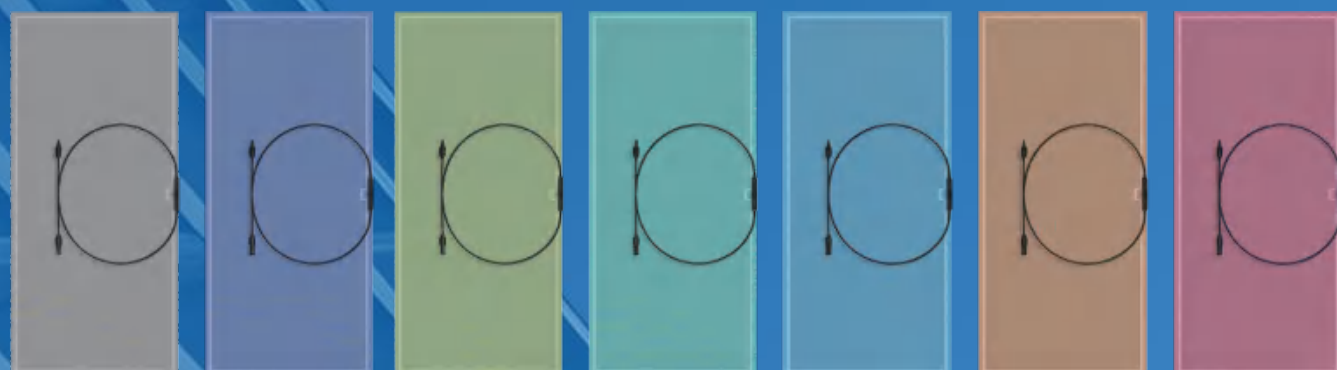


Product Structure



Customized Services



Application Scenarios



- Building facade curtain wall



- Large public building skylight



- Innovative architecture

Hefei BOE Solar Technology Co., Ltd.



BIPV Building Integrated Photovoltaics

Jingyao Series

Change Lives With Clean Energy

Transmittance
10% - 80%

Adjustable color
Multi-color customization service

Customizable size
Any option to meet project requirements

Flexible structure options
laminated/insulating glass:customizable



JINGYAO SERIES

Transparent PV Curtain Wall

BOE integrates perovskite technology with traditional glass curtain walls, balancing light transmission with efficient power generation, offering a new customizable building material option for customers.

- 

Large format panels
adaptable to more scenarios
- 

Ultimate aesthetics
micron-levels cabling
- 

Easy installation
safe and reliable
- 

Green building material
stable performance
- 

Ultra-long life
invisible power generation
- 

Size and structure
fully customizable



30%

40%

50%



Transmittance adjustable from 10% to 80%

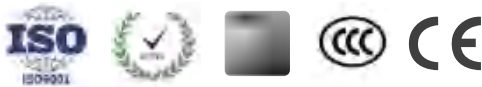
Visible light transmittance can be customized from 10% and 80% as required, ensuring indoor illumination with power generation—virtually identical to standard glass from a distance.

Product Parameters



2400x1200 $\pm$ 2mm

Cell Type	Perovskite
Weight	108kg
Module Thickness	16.830.8mm
Front glass	6mm Low-Iron Tempered Glass (Thickness and Color can be customized)
Back glass	6mm Low-Iron Tempered Glass (Thickness and Color can be customized)
Junction box	1 diode
Cable	2.5mm ² , $\pm$ 600mm Customizable
Connector	MC4 or MC4 compatible
Packging	Carton + wooden pallet



Electrical Characteristics (STC)	Pmax	50%	40%	30%	20%
	Pmax[W]	195	235	275	315
	Vmp[V]	148.67	150.14	151.62	153.09
	Imp[A]	1.31	1.56	1.81	2.06
	Voc[V]	185.84	187.68	189.52	191.36
	Isc[A]	1.14	1.36	1.58	1.79
	Output power tolerance	35%			
	Pmax temperature coefficient	-0.05%/°C			
	Voc temperature coefficient	-0.017%/°C			
	Isc temperature coefficient	-0.26%/°C			
Operating Conditions	Operating temperature	-40°C~+70°C			
	Max system voltage	1500V DC			
	Fuse rating	5A			
	Protection rating	IP67			
	Fire Rating	Class C			
Load Capacity	Front max. static load	3600Pa			
	Back max. static load	2400Pa			