

Installation Steps



01 Ground base preparation



02 Lay the cushion layer



03 Install PV floor tiles



04 Photovoltaic and light strip cable connection



05 Laying surrounding materials



06 Electrical system

Application Scenarios



▪ Industrial Pathway



▪ City Square



▪ Urban Landscape



▪ Municipal Facilities

Hefei BOE Solar Technology Co., Ltd.



BOE

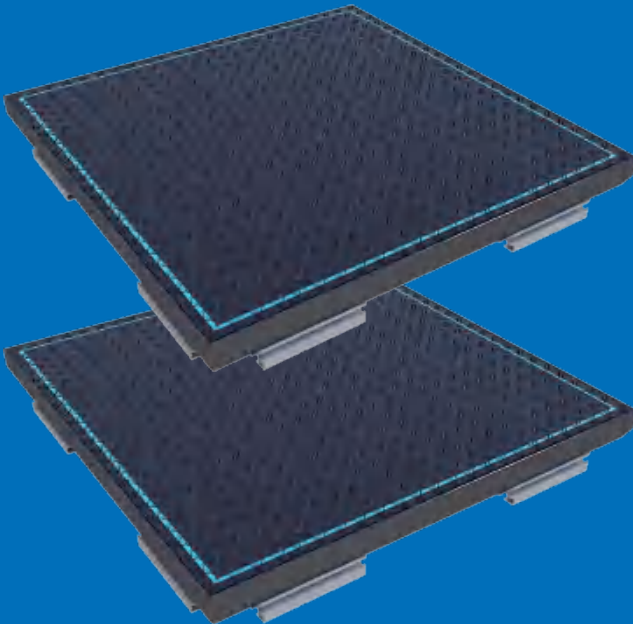
BIPV Building Integrated Photovoltaics

JINGZHUAN SERIES

Change Lives With Clean Energy

CLASS A
Fire rating

IP68
Protection rating



JINGZHUAN SERIES

Photovoltaic Floor Tiles

Innovative photovoltaic floortile products that integrate solar power generation functionality into outdoor paving materials.

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Optimized dimensions, modular splicing
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Sturdy structure, easy installation
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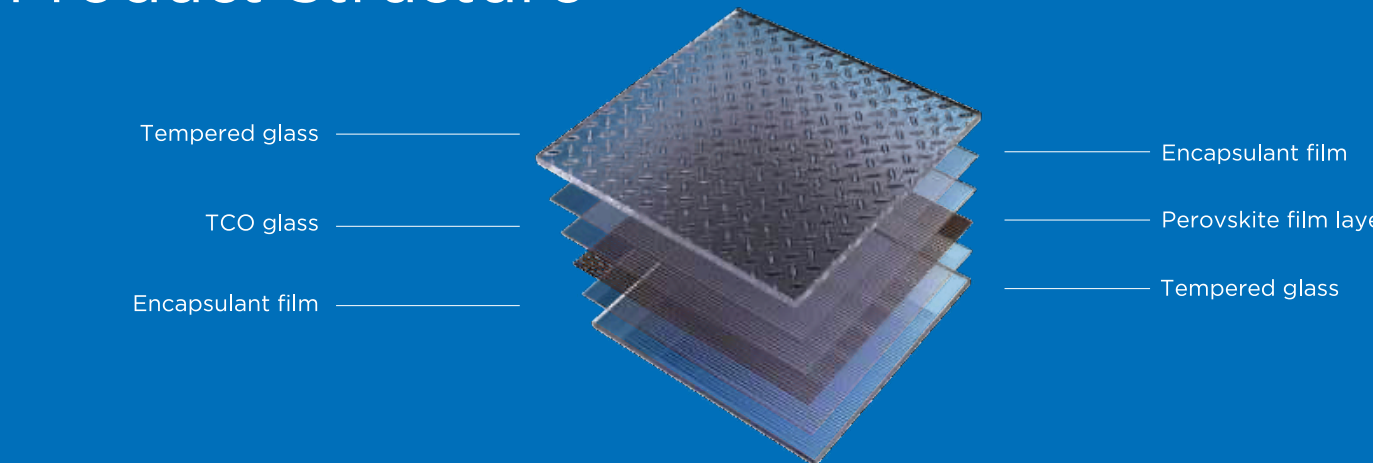
Thoughtful design, seamless aesthetics
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Wear-resistant & anti-slip, safe & durable
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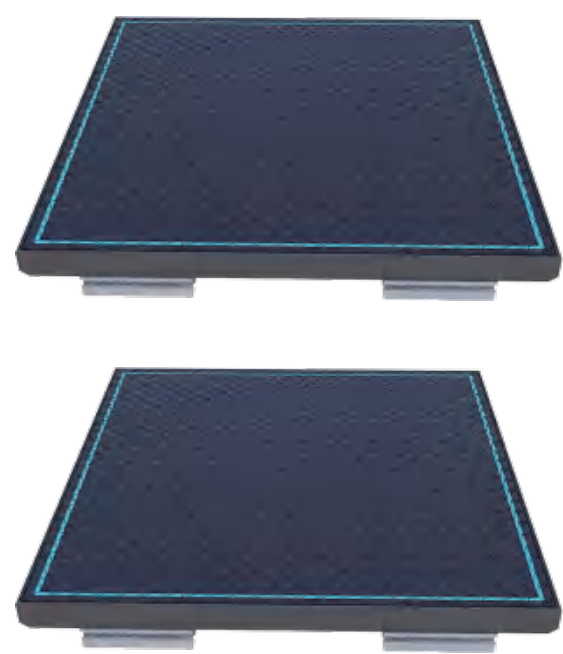
Storeenergy by day, glow by night
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Green building materials, solar-powered future

Product Structure



Product Parameters



611x611x72 $\pm$ 2mm

Cell Type	Perovskite
Weight	19.230.5kg
Front glass	8mm ultra-clear tempered anti-slip glass
Back glass	6mm tempered glass
Chip	3.2TCO
Frame	Black anodized aluminum alloy
Junction box	1 diode
Cable	2.5mm ² , 3400mm(Customizable)
Packging	Carton + wooden pallet



Electrical Characteristics (STC)	Pmax[W]	43.5
	Vmp[V]	58.9
	Imp[A]	0.74
	Voc[V]	90.6
	Isc[A]	0.87
	Output power tolerance	0-5W
	Pmax temperature coefficient	-0.05%/°C
	Voc temperature coefficient	-0.017%/°C
	Isc temperature coefficient	-0.26%/°C
Operating Conditions	Operating temperature	-40°C~+75°C
	Max system voltage	1500V DC
	Fuse rating	10A
	Protection rating	IP68
	Safety class	Class A
Load Capacity	Front max. static load	≥10KN/m ²
	Back max. static load	80DPN
	Lighting effect / LED strip power	Optional built-in multicolored LED strip /14.4W/m