

琉璃·空明

Colored Glaze · Crystal Clear

晶硅光伏建材 (BIPV 光伏组件)

Crystalline Silicon Photovoltaic Building Materials (BIPV)

应用于建筑立面 可替代传统玻璃幕墙或采光顶

Replace traditional glass curtain wall for building facade



满足定制需求 Customization

更通透：透光性能优越，满足建筑采光需求
Excellent light transmission performance

定制化：尺寸、形状可定制
Customization: Size and shape can be customized

更高效：高透光性，高发电量
High-efficiency: Highest efficiency cells, more power generation



节能清洁环保 Energy saving, clean and environmentally friendly

能降耗：可有效降低建筑能耗
Energy-saving: Reduce building energy consumption

可产能：光伏发电，清洁能源，主动产能，更利于建筑碳中和
Energy generation: Solar power generation for clean energy to support carbon neutral

更环保：不透光电池片减少光污染，更有利于人体健康和生态环境
Environmentally-friendly: No noise, no radiation, no light pollution, non-toxic and harmless



与建筑同寿命 The same life as the building

物理性能：建筑级材质，符合建材四性测试，双重防水，ClassA 级防火，防风抗震
Construction encapsulant, more than 40 certifications, same life as the building.
GB/T35684 waterproof test, class A fireproof, wind resistance

品质可靠：高强度耐腐蚀，耐高温耐湿热，适应极端天气
High quality: high strength, corrosion resistance, high temperature and humidity resistance



标准测试条件下的电性能参数 (STC) ELECTRICAL PARAMETERS(STC)

产品型号 Module type	JS145CB-36P	JS430CB-108P
峰值功率(P_{max}) Power output (P_{max})	145W	430W
功率公差(ΔP_{max}) Power output tolerances (ΔP_{max})	±3%	±3%
组件效率(η_m) Module efficiency (η_m)	20.1%	21.4%
峰值功率电压(V_{mpp}) Voltage at Pmax (V_{mpp})	21.8V	65.4V
峰值功率电流(I_{mpp}) Current at Pmax (I_{mpp})	6.65A	6.57A
开路电压(V_{oc}) Open-circuit current (V_{oc})	25.9V	77.8V
短路电流(I_{sc}) Short-circuit current (I_{sc})	6.95A	6.85A

STC: 辐照度1000W/m², 电池温度25°C, 大气质量AM1.5。
STC: 1000W/m² irradiance, 25 degree cell temperature, AM1.5g.

结构材料 CONSTRUCTION MATERIALS

产品型号 Product type	JS145CB-36P	JS430CB-108P
玻璃(材料/厚度) Glass (material / thickness)	低铁钢化玻璃/Low-iron tempered glass 3.2mm (6-10mm)	
封装(材料) Encapsulating material	EVA (or PVB)	
接线盒(防护等级) Junction box (protection degree)	≥IP67	
线缆(长度/导体横截面积) Cable (length / cross-sectional area)	300mm / 4mm ² 可定制/Customizable	
插接件(型号/防护等级) Plug connector (type / protection degree)	MC4 / IP67	
包装方式 Packing	A型架/木箱 A-frame/wooden box	
组件尺寸 Dimensions (L / W / H)	1200*600*7mm	1750*1150*7mm
电池尺寸 Solar Cell Type	182*91mm	182*91mm
电池排布 Dimensions of cell	3*12	6*18
组件重量 Weight	13kg	36kg
透光率 Transparency	17%	11%

运行条件 OPERATING CONDITIONS

最大系统电压 Max. system voltage	1500V _{DC}
最大保险丝额定值 Max. series fuse rating	30A
工作温度 Operating temperature range	-40°C至+85°C
正面最大静载荷(雪载荷和风载荷) Max. static load, front (e.g., snow)	5400Pa
背面最大静载荷(风载荷) Max. static load, back (e.g., wind)	2400Pa
冰雹测试(冰雹直径/撞击速度) Max. hailstone impact (diameter / velocity)	25mm / 23m/s

注: 以上数据基于3.2mm玻璃进行测试。
Note: The above data is based on 3.2mm glass tests.

由于持续的创新、研究和产品升级, 此产品规格书中的内容可以在不提前通知的情况下进行更改。这些内容可能会有轻微的偏差, 请以实物为准。

这些数据并不是针对单一的组件, 它们也不是销售的一部分, 它们只是用来不同型号组件之间的对比。



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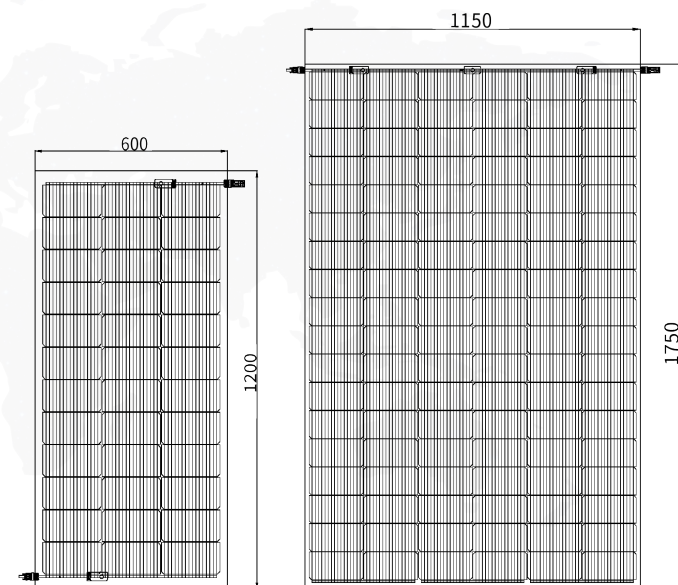
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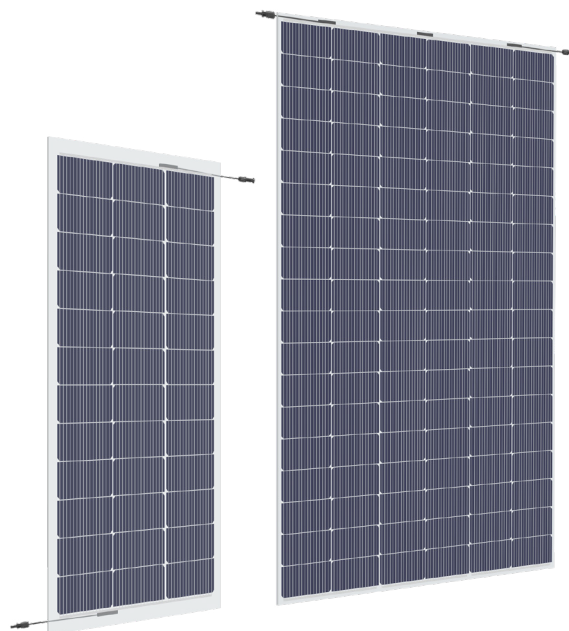
IEC 61215, IEC 61730, 3C, ISO 9001:2015, ISO 14001:2015, ISO 45001: 2018.

产品尺寸 DIMENSIONS

单位/Unit : mm



产品效果图 PRODUCT PICTURE



Due to continuous innovation, research and product improvement, the specifications in this product information sheet are subject to change without prior notice. The specifications may deviate slightly and are not guaranteed. The data do not refer to a single module and they are not part of the offer, they only serve for comparison to different module types.

QUALIFICATIONS AND CERTIFICATIONS

IEC 61215, IEC 61730, 3C, ISO 9001:2015, ISO 14001:2015, ISO 45001: 2018.