

**3.6**

**3.6kg质量，2mm厚度，更轻更薄**

3.6kg in weight, 2mm in thickness – lighter and thinner

**8**

**可弯曲半径为8cm**

Bendable with a radius of 8cm



**弱光性能优秀，温度系数更低**

Excellent low-light performance &  
Lower temperature coefficient



**无需支架压块，安装方便快捷**

Easy and fast installation without mounting brackets



**无热斑/隐裂/PID**

No hot spots / micro-cracks / PID

**柔性钙钛矿光伏组件**

**Flexible perovskite PV modules**

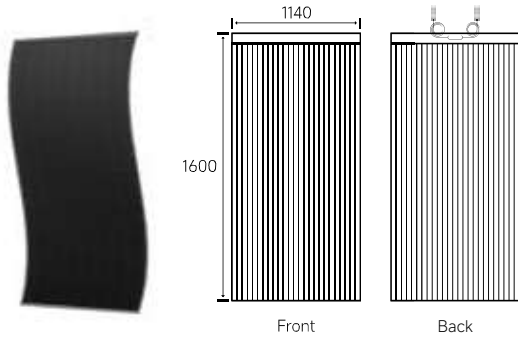
**JS-FP 275W**

# 柔性钙钛矿光伏组件

Flexible perovskite PV modules

## 产品图例 (单位: 厘米)

Drawings (Unit: mm)



## 机械参数

Mechanical Parameters

产品尺寸 Product Dimensions

1140\*1600mm

产品厚度 Product Thickness

2±0.2mm (thickness tolerance±0.2)

封装 Encapsulation

POE & Butyl Sealant

设计标准 Design standard

IEC63163

连接器型号 Connector Mode

MC4

产品质量 Product Weight

3.6kg

芯片基材 Substrate Material

PET

前板材料 Front Materials

Barrier Film

电缆长度 Cable Length

350mm

背板材料 Back Materials

铝塑膜

Aluminum-Plastic Film

## 电性能参数

Electrical Performance Parameters (STC)

产品型号 Model | JS-FP

STC (标准测试条件): 辐照度1000W/m<sup>2</sup>, 电池温度25°C, 大气质量AM1.5.  
STC (Standard Test Conditions): Irradiance 1000W/m<sup>2</sup>, cell temperature 25°C, air mass AM1.5.

组件 PV Module		JS-FP
额定功率 Rate Power	P <sub>mpp</sub> (w)	275
容许误差 Deviation	W	±5%
电压 Voltage±10%	V <sub>mpp</sub> (V)	192
电流 Current±5%	I <sub>mpp</sub> (A)	1.43
开路电压 Open circuit voltage±10%	V <sub>oc</sub> (V)	240
短路电流 Short circuit current±5%	I <sub>sc</sub> (A)	1.60
最大系统电压 Max system voltage	V <sub>sys</sub> (V)	DC1500
效率 Efficiency	%	15.1%
逆电流承受阈值 Inverse current	A	2.3

说明: 以上电性能参数与实际产品参数有细微差异, 以产品实际测试功率为准。

Note: The above electrical performance parameters are slightly different from the actual test power, so please are subject to the actual tests

## 应用范围

Scope of application

温度范围 Temperature range

-40°C/+85°C

电池类型 PV type

钙钛矿电池 PVSK cell

IP防护等级 IP Protection Rating

IP67

弯曲半径 Bending Radius

8cm

## 温度系数

Temperature Coefficients

额定工作电池温度 NOCT Rated Operating Cell Temperature

42.3±2°C

功率温度系数 TCOE-P<sub>mpp</sub> Power Temperature Coefficient

-0.003%/°C

开路电压 (Voc) 温度系数 TCOE-Voc Temperature Coefficient of Open Circuit Voltage

-0.001%/°C

短路电流 (Isc) 温度系数 TCOE-I<sub>sc</sub> Temperature Coefficient of Short Circuit Current

+0.000%/°C