

高效异质结双面电池技术规格书

Specification for HJT High-efficiency bifacial cell

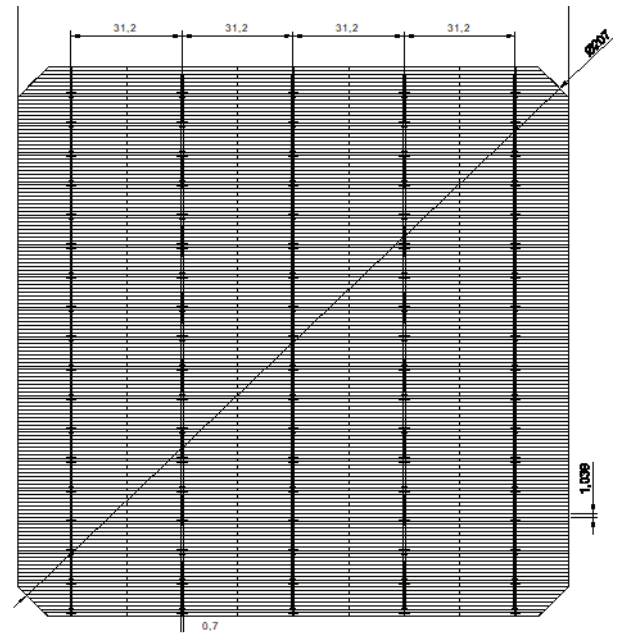
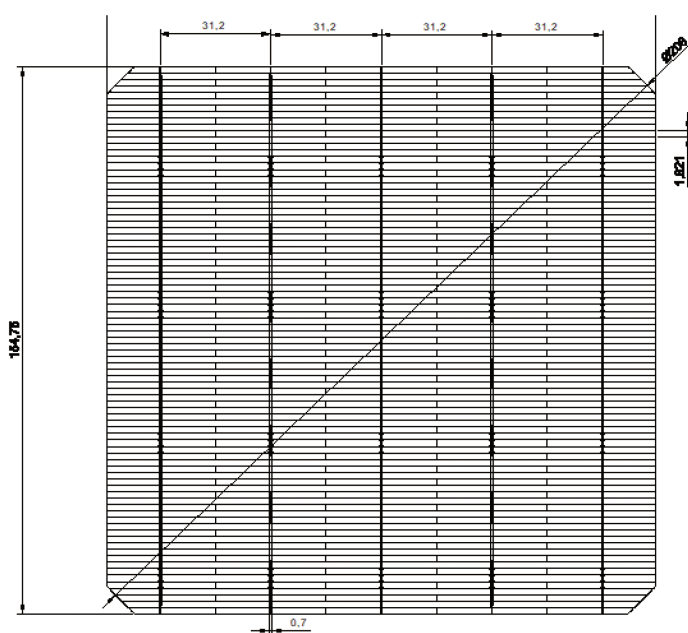
版本号(Version): A/2

电池片产品编号规则 Cell product ID

晶型 Crystal	类型 (type)	主栅类型 (正面) Busbar(Front)	副栅类型 (正面) Finger(Front)	主栅类型 (背面) Busbar(Back)	副栅类型 (背面) Finger (Back)	规格 (边长mm 直径mm 面积mm ²) Specifications(L、D、A)
单晶 (Mono crystal)	N型-x (TYPE N-x)	X-BB	X-线 (X-line)	X-BB	X-线 (X-line)	M0(156、200、23895)
	X: 印刷面数 (Printing sides)	X: 主栅数量 Number of Busbar	X: 副栅数量 Number of Finger	X: 主栅数量 Number of Busbar	X: 副栅数量 Number of Finger	M1(156.75、205、24284)
						M2(156.75、210、24432)
版本号: (Version)		A/2		产品编号 (Product ID)		单晶N型-2-5BB-86线-5BB-150线-M2 (Mono crystal N type 2-5BB-86line-5BB-150 line-M2)

电池片图形

Cell Drawing



产品规格(Specification)

温度系数(Temp. Coefficient)

尺寸 (Size) 156.75mm*156.75mm ± 0.25mm

电流温度系数 (Temp. Coefficient of ISC) 0.034%/K

厚度 (Thickness) 165um + 20/- 10um

电压温度系数 (Temp. Coefficient of Voc) -0.257%/K

正面 (Front) 5BB - 0.7mm主栅(Busbar), 86根副栅(86 Finger)

背面 (Rear) 5BB - 0.7mm主栅(Busbar), 150根副栅(150 Finger)

产品优势

Advantages of double-glass PV modules

1. 超强抗PID性能 High resistance to PID

采用抗PID电池和封装技术,无铝边框设计,无需接地,从根本上杜绝PID现象的产生。
Advanced PID resistant cell and sealing technology, frameless design and no requirement for grounding provide excellent resistance to PID.

2. 优良抗隐裂性能,无蜗牛纹隐患 Low risk of microcrack and snail trail

异质结双面电池的双层玻璃结构增强组件抗隐裂能力
Double-glass of HJT structure ensures extremely low risk of cell microcrack during module transportation and installation.

3. 优异耐高温,抗风沙,抗盐雾性能 Excellent high temperature resistance, anti-wind sand, anti-salt spray performance.

无背板材料确保组件在苛刻的环境中高效长期稳定的工作
Unique PV module structure and reliable quality delivers outstanding sustainability in harsh environment such as desert, farm and coastline.

4. 优异抗风雪能力 Excellent wind and snow load capacity

5. 优异的防火性能 Excellent fireproofing, Class A fireproof rating

6. 更高的发电效益 Higher power output

同样装机容量,异质结双玻组件发电量更高,年功率衰减率 $\ll 0.1\%$ 。
More electricity gain from HJT double glass solar panel.
Annual power attenuation rate $\ll 0.1\%$.

7. 低廉的运维成本 Low operation and maintenance Cost

无边框设计,减少积雪积灰,易于清洗管理,运维成本低。
Frameless design reduce snow accumulation ash, easy to clean management, operation maintenance cost low.

8. 灵活满足透光需求 Tailored for transmitting light need

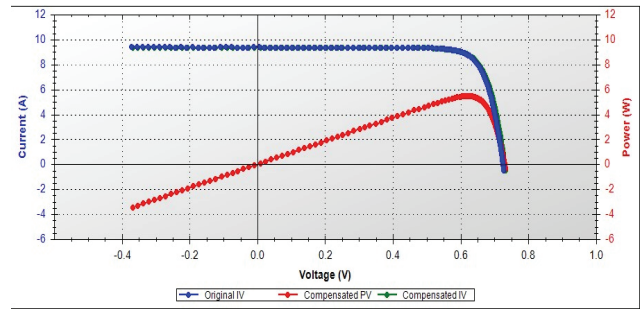
玻璃增加透光率,合理电池排布,满足组件透光需求。
Flexible solar cell lay out and transparent glass back sheet will satisfy different application demand.

9. 更长功率质保期 Longer power output warranty

长达35年的线性功率保证
Provides 35-year power output warranty.

I-V特性曲线

Characteristic curve



主要电性能规格参数

Main parameters

EFF(%)	Voc(V)	Isc(A)	FF(%)	Pmax(w)
23.2	0.7405	9.3699	81.7537	5.6682
23	0.7388	9.3427	81.5759	5.6194
22.8H	0.7363	9.3402	81.3101	5.5705
22.8L	0.7376	9.2945	81.5047	5.5705
22.6H	0.7341	9.3258	81.0125	5.5216
22.6L	0.7358	9.2802	81.1817	5.5216
22.4H	0.7318	9.3131	80.6876	5.4728
22.4L	0.7336	9.2688	80.8264	5.4728

包装信息

Packaging information

包装规格 (Packaging specification)	片/盒(pcs/case)	盒/箱(case/box)	片/箱(pcs/box)
	120	14	1680

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