

182.2尺寸单晶10BB双面电池规格书

82.2 Mono-crystalline 10BB Bifacial Solar Cell Specification

□ 技术数据与设计 Product specification

认证型号	M10-A
Certification	
尺寸	182.2mm*182.2mm±0.25mm
Size	
电池厚度	150μm±15.5μm
Thickness	
正面	0.1mm±0.03 主栅线(银), 蓝 (深 蓝) 色抗反射膜(氮化硅)
Front	
背面	1.4mm±0.3 背电极宽度 (银, 露白宽度), 碱抛
Rear	

□ 电性能

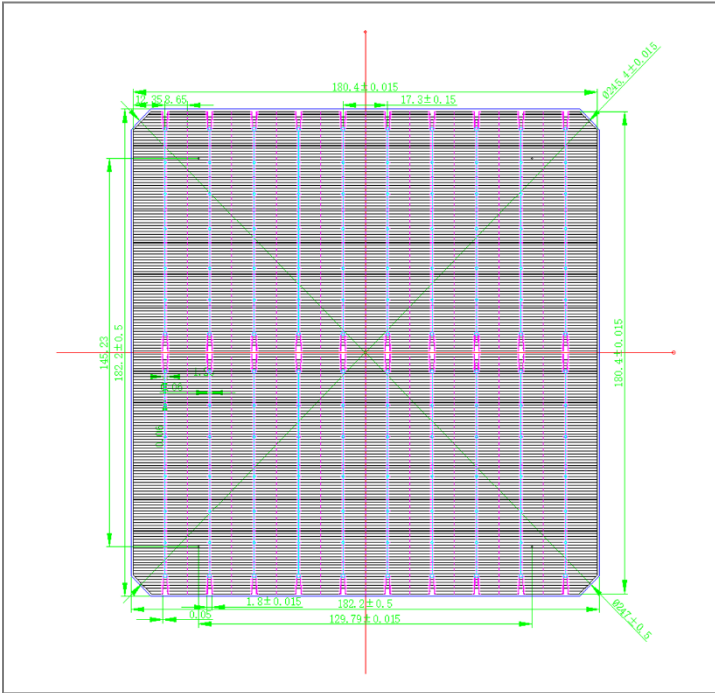
Electrical performance 正面效率/ Front Efficiency:

Efficiency	Pmpp(W)	Ump(V)	Imp(A)	Uoc(V)	Isc(A)	FF(%)
A2350	7.76	0.598	12.979	0.6934	13.569	82.49
A2340	7.72	0.596	12.953	0.6919	13.541	82.39
A2330	7.69	0.595	12.925	0.6907	13.529	82.29
A2320	7.66	0.593	12.915	0.6891	13.515	82.23
A2310	7.63	0.592	12.879	0.6879	13.499	82.11
A2300	7.59	0.591	12.857	0.6865	13.476	82.07
A2290	7.56	0.589	12.837	0.6856	13.457	81.93
A2280	7.53	0.588	12.811	0.6845	13.435	81.85
A2270	7.49	0.586	12.789	0.6835	13.416	81.72
A2260	7.46	0.585	12.764	0.6824	13.394	81.62
A2250	7.43	0.583	12.74	0.6814	13.374	81.51

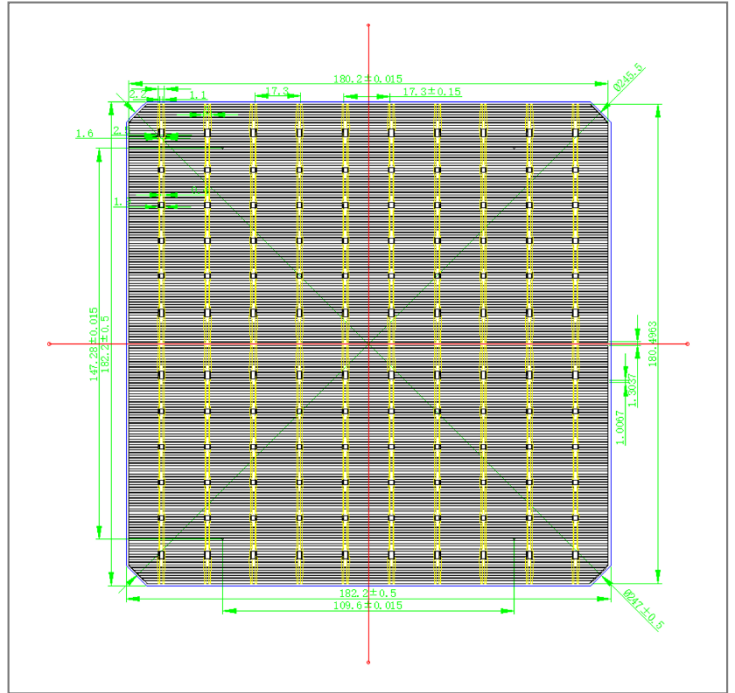
产品规范

Product Specification

□ 电池片结构/ Solar cell structure



正面/Front electrode pattern



背面/Back electrode pattern

参数项目		规格	公差	单位
Items		Specification	Tolerance	Unit
正面 Front	细栅线数量	170	-	Line
	Finger quantity			
	正面焊盘宽度	1.0/1.4	±0.3	mm
	Front busbar width			
	主栅线间距	17.3	±0.15	mm
Distance between busbars				
背面 Back	背面主栅线的宽度	1.4/1.0	±0.3	mm
	Back busbar width			
	背主栅间距	17.3	±0.15	mm
	Distance between back busbars			
	背面细栅线数量	180	-	Line
Back finger quantity				

电性特性

Electrical Properties

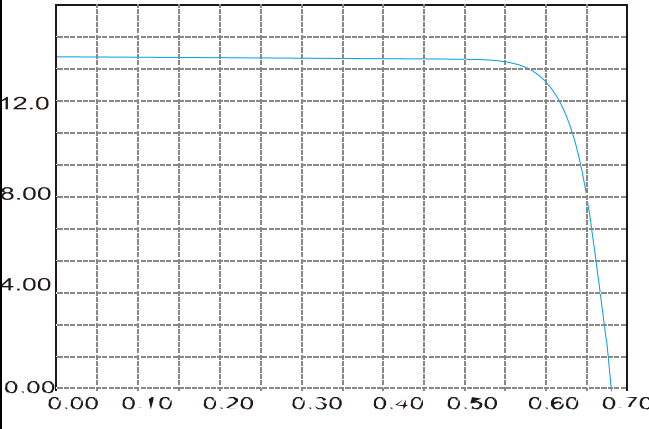
□ 检验标准/ STC Standard

STC 标准情况下的电性特性/ Electrical properties in STC standard 标准检验条件 (STC) / Standard Test Condition

- a. 光强 Intensity: 1000 W/m²
- b. 光谱 Spectrum: CTL1-3A
- c. 温度 Temperature: 25°C

温度系数/ Temperature coefficient

- a. TkVoltage: -0.36 %/°C
- b. TkCurrent: +0.06 %/°C
- c. TkPower: -0.36 %/°C

光强可靠性			IV曲线	
Intensity(W/m ²)	Uoc	Isc		
1000	1	1		
900	0.996	0.903		
800	0.991	0.803		
600	0.988	0.602		
400	0.962	0.403		
The amplitude of Uoc(Isc) decreasing with irradiation intensity based on STC(1000W/m ² , AM1.5, 25°C)				
			漏电	Rsh≥50Ω, Irev2≤1.0A