

210N尺寸N型18BB TOPCon 双面电池规格书

210N-Type 18BB TOPCon Bifacial Solar Cell Specification

□ 技术数据与设计 Product specification

认证型号/Certification	G12-A-18BB
尺寸/Size	210 mm * 210mm±0.5mm/φ295±0.5mm
电池厚度/Thickness	130±13um

□ 电性能 Electrical performance

正面效率/ Front Efficiency

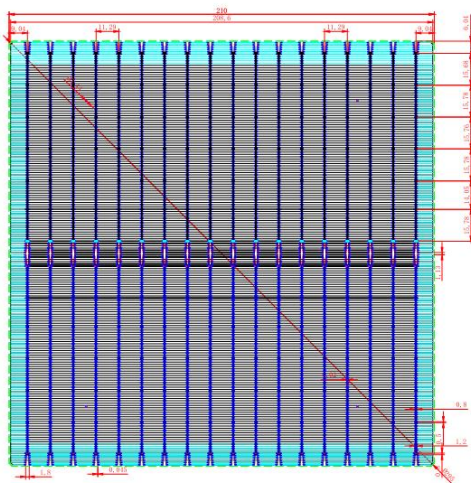
Efficiency	Pmpp(W)	Ump(V)	Imp(A)	Uoc(V)	Isc(A)	FF(%)
A2550	11.24	0.632	17.789	0.724	18.212	85.27
A2540	11.20	0.631	17.756	0.723	18.189	85.16
A2530	11.16	0.63	17.720	0.722	18.163	85.05
A2520	11.11	0.628	17.684	0.721	18.138	84.95
A2510	11.07	0.627	17.646	0.72	18.117	84.83
A2500	11.02	0.626	17.613	0.719	18.094	84.75
A2490	10.98	0.625	17.568	0.718	18.071	84.62
A2480	10.94	0.624	17.530	0.716	18.051	84.64
A2470	10.89	0.622	17.510	0.716	18.028	84.38
A2460	10.85	0.621	17.472	0.715	18.006	84.28

只做电池片，做更优质的电池片

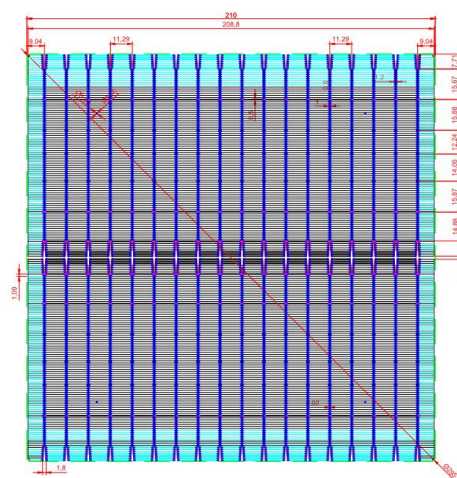
产品规范

Product Specification

□ 电池片结构 Solar cell structure



正面/Front Electrode Pattern



背面/Rear Electrode Pattern

参数项目		规格	公差	单位
Items		Specification	Tolerance	Unit
正面 Front	细栅线数量	186	-	Line
	Finger quantity			
	主栅线间距	11.29	±0.15	mm
	Distance between busbars			
Front busbar width				
背面 Back	背面细栅线数量	192	-	Line
	Back finger quantity			
	背主栅间距	11.29	±0.15	mm
	Distance between back busbars			
Back busbar width				

只做电池片，做更优质的电池片

电池特性

Electrical Properties

□ 检验标准 STC standard

STC(标准检验条件) / Standard Test Condition

STC标准情况下电性特性 / Electrical properties in STC standard

光强Intensity: 1000 W/m^2

光谱Spectrum: CTL1-3A

温度 Temperature: 25°C

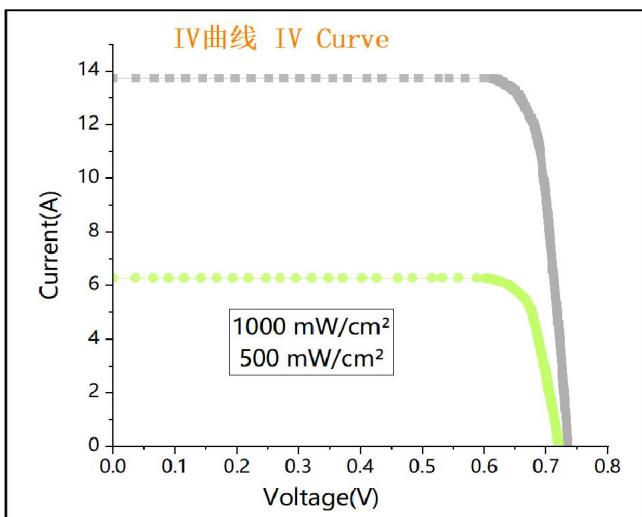
温度系数/ Temperature coefficient

TkVoltage: $-0.26 \text{ \%/}^\circ\text{C}$

TkCurrent: $+0.046 \text{ \%/}^\circ\text{C}$

TkPower: $-0.30 \text{ \%/}^\circ\text{C}$

IV曲线 IV Curve



光谱响应 Spectral Response (SR)

