



TUVNORD



N型16BBTOPCON双面电池规格书

210R尺寸

技术数据与设计

TECHNICAL DATA & DESIGN

认证型号 Certification	G12R-A-16BB
尺寸 Size	210mm*182.3mm±0.5mm/φ272±0.5mm
电池厚度 Thickness	135±13.5μm (*厚度可根据客户需求定制)

电性能

ELECTRICAL PERFORMANCE

正面效率 / Front Efficiency

Efficiency	Pmpp(W)	Umpp(V)	Impp(A)	Uoc(V)	Isc(A)	FF(%)
A2590	9.89	0.6367	15.5331	0.7284	15.7806	86.04
A2580	9.85	0.6354	15.5048	0.7273	15.7672	85.91
A2570	9.81	0.6343	15.4715	0.7264	15.7384	85.84
A2560	9.78	0.6332	15.4380	0.7248	15.7295	85.74
A2550	9.74	0.6321	15.4045	0.7224	15.7280	85.70
A2540	9.70	0.6308	15.3757	0.7209	15.7108	85.63
A2530	9.66	0.6296	15.3444	0.7189	15.7017	85.59
A2520	9.62	0.6274	15.3373	0.7175	15.6907	85.47
A2510	9.58	0.6258	15.3155	0.7164	15.6803	85.32
A2500	9.55	0.6241	15.2960	0.7158	15.6500	85.21

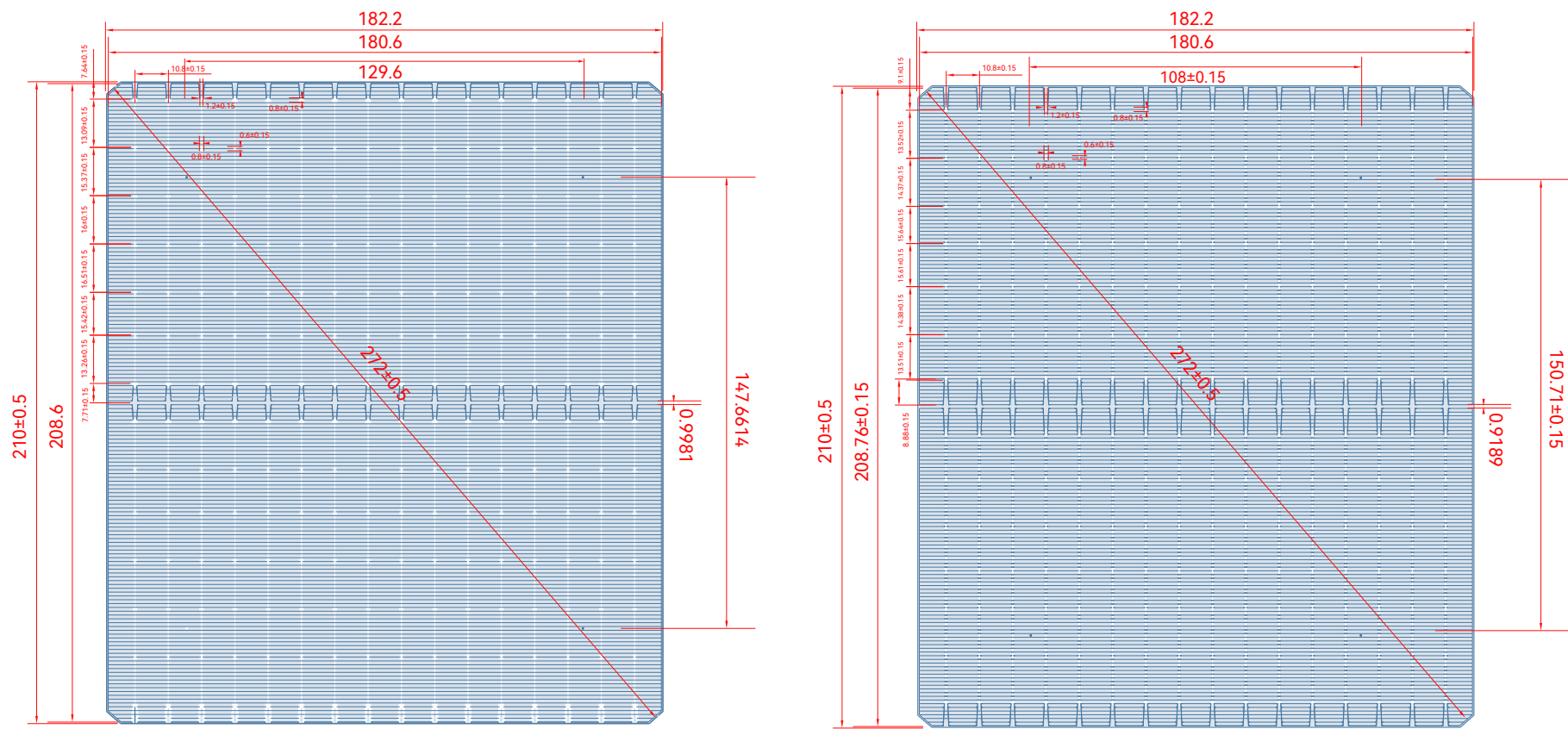
只做电池片，做更优质的电池片

产品规范

PRODUCT SPECIFICATION

电池片结构

Solar Cell Structure



正面 / Front Electrode Pattern

反面 / Back Electrode Pattern

	参数 Item	规格 Specification	公差 Tolerance	单位 Unit
正面 Front	细栅线数量 Finger quantity	210	-	Line
	正面焊盘宽度 Front busbar width	1.2*0.8/0.8*0.6	±0.3	mm
	主栅线间距 Distance between busbars	10.8	±0.15	mm
背面 Back	背面细栅线数量 Back finger quantity	228	-	Line
	背面焊盘宽度 Back busbar width	1.2*0.8/0.8*0.6	±0.3	mm
	背主栅间距 Distance between back busbars	10.8	±0.15	mm

电性特性

ELECTRICAL PROPERTIES

标准检验条件(STC) / Standard Test Condition

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

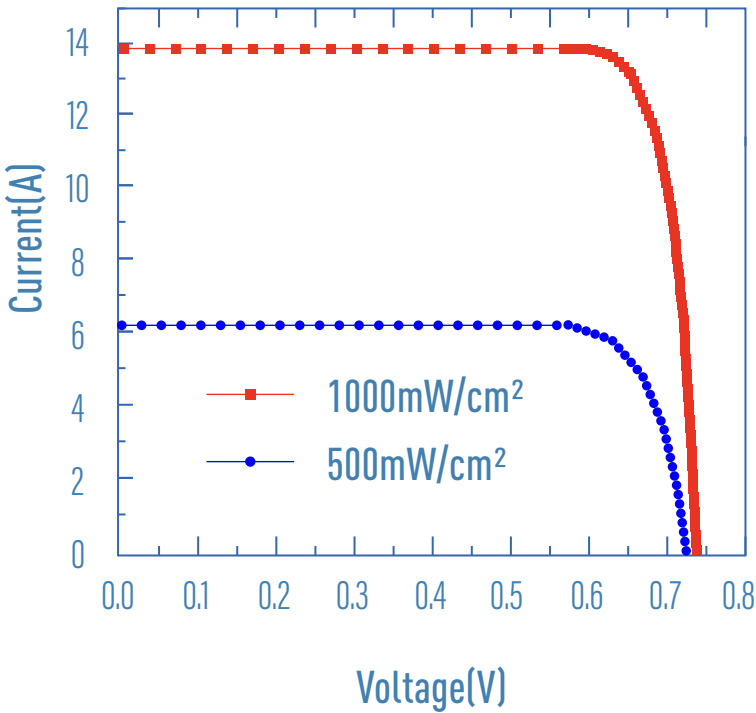
检验标准 / STC Standard

a. 光强 Intensity	1000 W/m ²
b. 光谱 Spectrum	CTL1-3A
c. 温度 Temperature	25°C

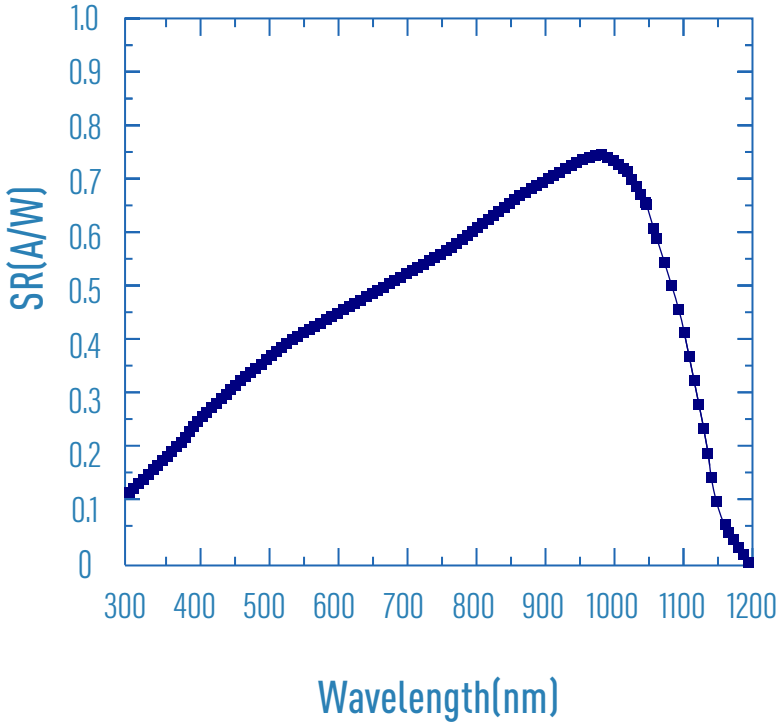
温度系数 / Temperature Coefficient

a. TkVoltage	-0.26 %/°C
b. TkCurrent	+0.046 %/°C
c. TkPower	-0.30 %/°C

IV曲线 IV Curve



光谱响应 Spectrual Response(SR)



高效、低碳、低衰减