



TUVNORD



英发睿能
YINGFA RUINENG

N型16BB TOPCon 双面电池规格书

183尺寸

技术数据与设计

PRODUCT SPECIFICATION

认证型号 Certification	G10L-A-16BB
尺寸 Size	183.75 mm * 182.2mm±0.5mm/φ256±0.5mm
电池厚度 Thickness	130±13um

电性能

ELECTRICAL PERFORMANCE

正面效率 / Front Efficiency

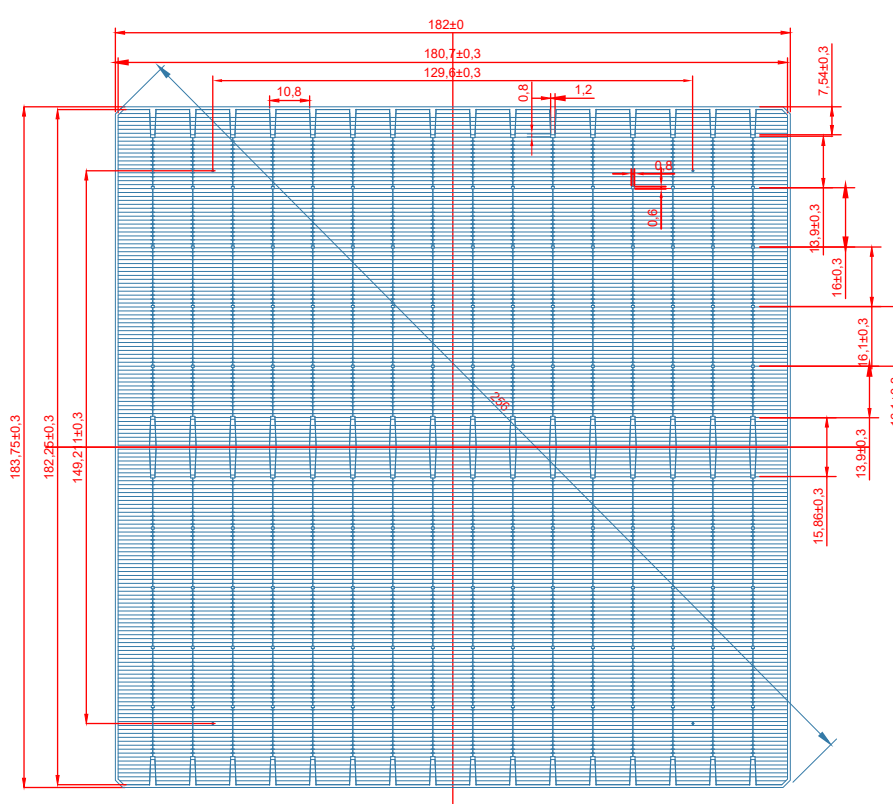
Efficiency	Pmpp(W)	Umpp(V)	Impp(A)	Uoc(V)	Isc(A)	FF(%)
A2590	8.67	0.6367	13.6155	0.7284	13.9951	85.04
A2580	8.64	0.6354	13.5907	0.7273	13.9835	84.91
A2570	8.60	0.6343	13.5615	0.7264	13.9581	84.84
A2560	8.57	0.6332	13.5322	0.7248	13.9504	84.74
A2550	8.54	0.6321	13.5028	0.7224	13.9491	84.70
A2540	8.50	0.6308	13.4775	0.72092	13.9340	84.63
A2530	8.47	0.6296	13.4501	0.7189	13.9260	84.59
A2520	8.43	0.6274	13.4439	0.7175	13.9165	84.47
A2510	8.40	0.6258	13.4248	0.7164	13.9076	84.32
A2500	8.37	0.6241	13.4077	0.7158	13.8808	84.21

只做电池片，做更优质的电池片

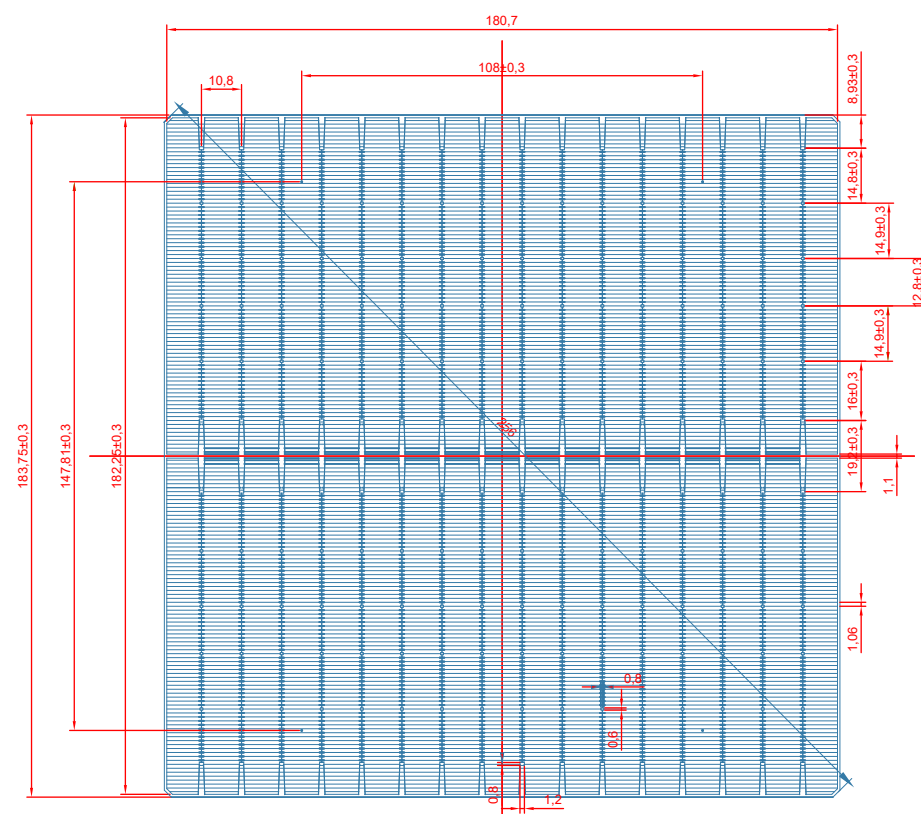
产品规范

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	172	-	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	174	-	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

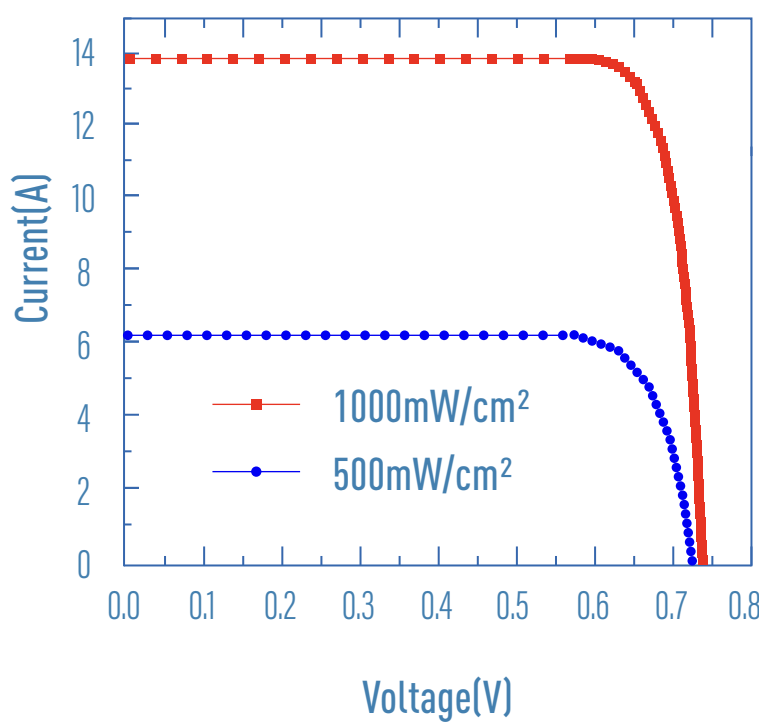
检验标准 / STC Standard

a. 光 强 Intensity	1000 W/m ²
b. 光 谱 Spectrum	CTL1-3A
c. 温 度 Temperature	25°C

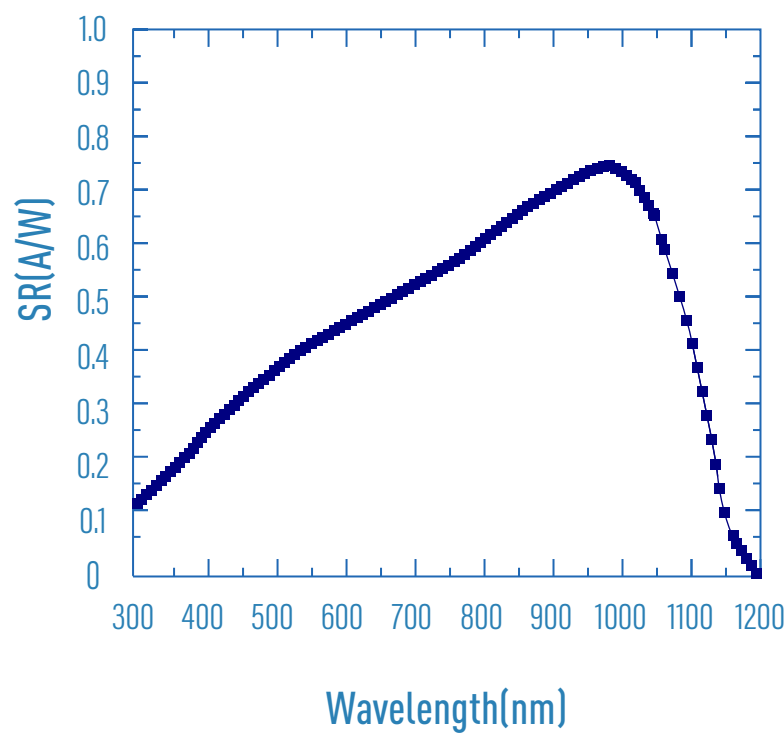
温度系数 / Temperature Coefficient

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

IV曲线 IV Curve



光谱响应 Spectral Response(SR)



高效、低碳、低衰减