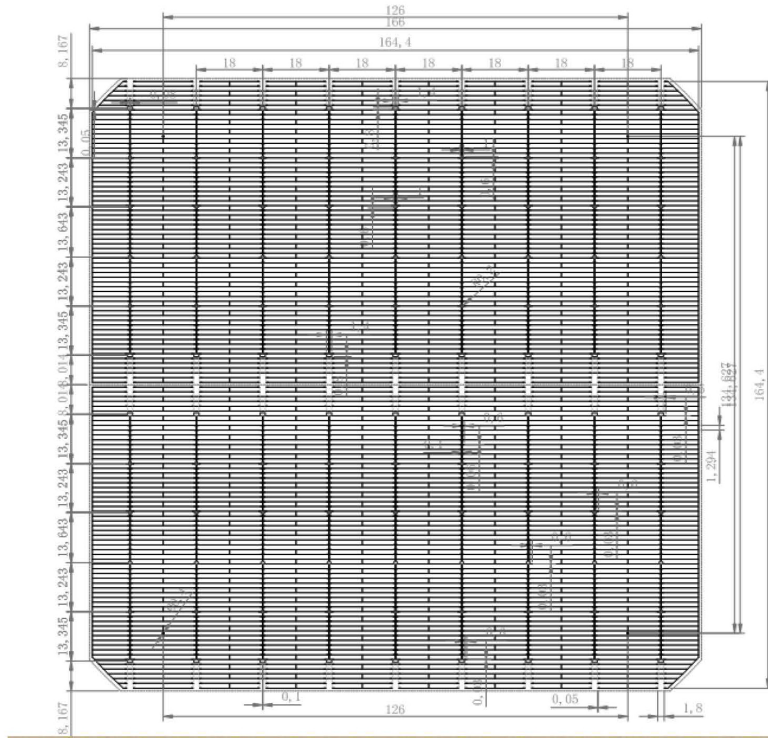


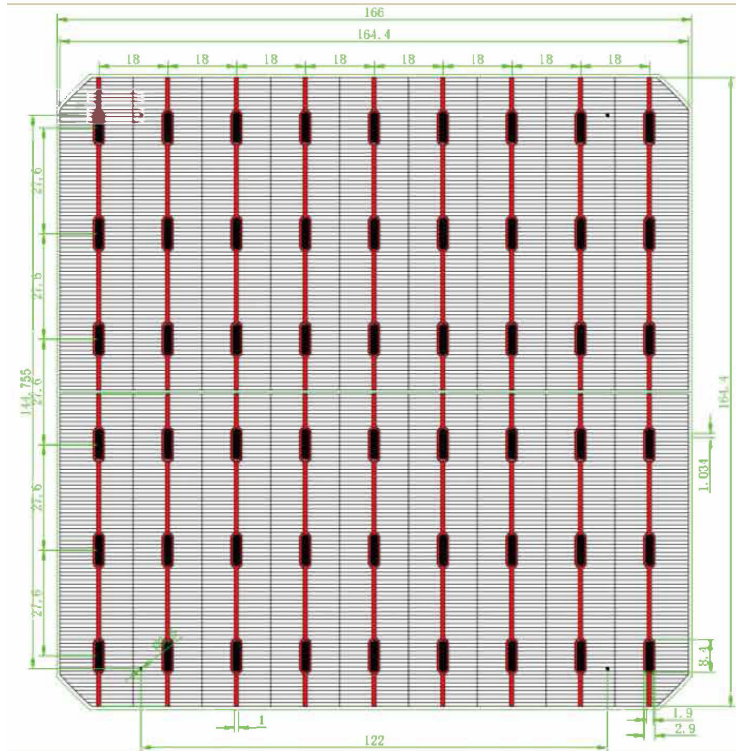


# Technical Specification

• 技术图形 Technical drawing



Front



Back

**• 电气特性 Electrical Characteristics**

Grade	Eff(%)	Pmpp(W)	Vmpp(V)	Impp(A)	Voc(V)	Isc(A)	FF(%)
1	23.1	6.34	0.597	10.62	0.693	11.151	82.10
2	23.0	6.31	0.596	10.6	0.692	11.132	82.01
3	22.9	6.28	0.595	10.58	0.691	11.112	81.98
4	22.8	6.25	0.594	10.55	0.690	11.097	81.84
5	22.7	6.22	0.593	10.52	0.689	11.077	81.74
6	22.6	6.2	0.592	10.49	0.688	11.056	81.64
7	22.5	6.17	0.591	10.46	0.687	11.036	81.54
8	22.4	6.14	0.59	10.42	0.686	11.021	81.32
9	22.3	6.11	0.589	10.40	0.685	11.001	81.29
10	22.2	6.09	0.588	10.37	0.684	10.981	81.18
11	22.1	6.07	0.587	10.34	0.683	10.960	81.08

标准测试条件下(Under standard test condition) :1000W/m<sup>2</sup>, AM1.5, 25℃

**温度系数 Temperature coefficients**

开路电压温度系数 Temperature coefficients of open circuit voltage: -0.36%/K

短路电流温度系数 Temperature coefficients of short circuit current: +0.07%/K

最大功率温度系数 Temperature coefficients of maximum power: -0.38%/K

**• 机械特征 Mechanical characteristics**

尺寸规格 **Dimension:** 166mmx166mm±0.25mm; 电池厚度 **Cell Thickness:** 180±20μm

正面(一) **Front side:** 二氧化硅+深蓝色氮化硅复合减反膜(PID Free); 主栅宽度: 0.1±0.05mm; 主栅头部呈双叉, 128根副栅线, 正电极为半片设计。

Silicon oxide+blue silicon nitride compound anti-reflection coating(PID Free);The width of the busbar is 0.1±0.05mm;the head of the busbar is forked;the number of the finger is 128;The front side of solar cell is designed as a half sheet.

背面(十) **Back side:** 钝化发射极(氧化铝及氮化硅复合层); 背电极宽度为 1.1±0.1mm, 9根主栅线(铝), 134根副栅线(铝)  
Passivated Emitter (AlO<sub>x</sub> and SiN<sub>x</sub> dual layer) rear contact;The width and length of the Ag electrode is 1.1±0.1mm, the number of the aluminum busbar is 9; the number of the aluminum finger is 134;

可焊性(**Solderability**): 最小剥离强度(Peel strength) ≥1.0N/mm

结果可能会因焊条、焊接方法及条件而不同。Results may vary depending on the conditions.