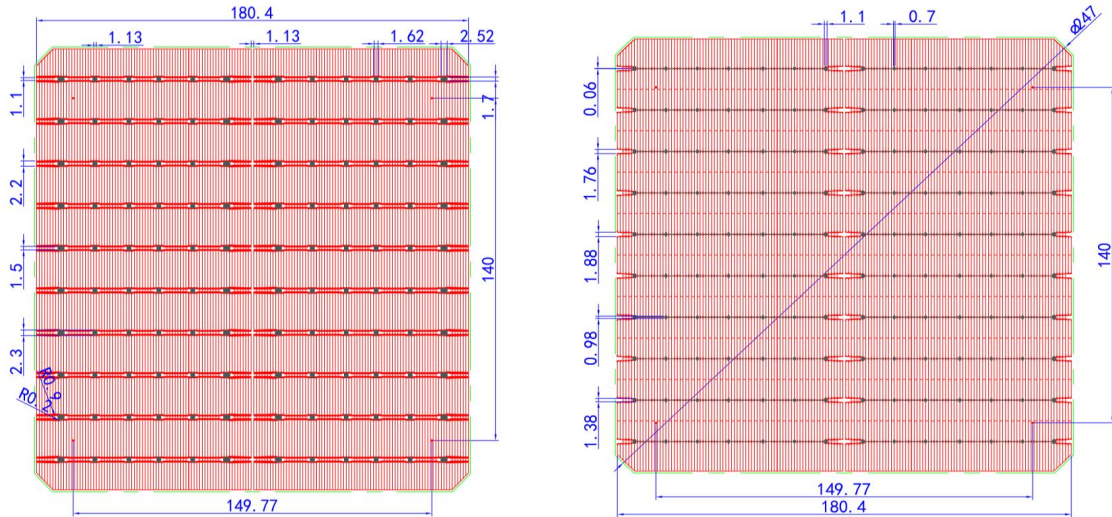


## 苏州爵诚电子科技有限公司

### 光伏单晶M182 SE PERC太阳能电池

#### 产品外观



背面

正面

#### 技术数据和设计

尺寸	182mm*182mm±0.25 mm,247mm±0.25mm	Tk电压: -0.47%/K
厚度	170±20 μm	Tk电流: +0.010%/K
正面(+)	氧化硅+蓝色氮化硅复合防反射涂层(无PID)半切设计;	Tk功率: -0.5%/K
背面(-)	钝化层(AI <sub>2</sub> O <sub>3</sub> 和SiN <sub>x</sub> )和后接触(Al)。	Rsh≥50Ω, Irev2≤1.5A

光强度依赖性			IV	
强度(W/m <sup>2</sup> )	Voc	Isc		
1000	1.000	1.000		
800	0.988	0.801		
600	0.975	0.602		
400	0.964	0.403		
200	0.941	0.201		
降低强度下的Voc (Isc) 与1000W/m时的Voc的比值。			<b>可焊性</b> 最小剥离强度 $\geq 1\text{N/mm}$ 由于不同的带材、焊接方法和参数，结果可能会有所不同。	

产品型号	效率(%)	Pmpp(W)	Umpp(V)	Impp(A)	Uoc(V)	Isc(A)	FF(%)
JCM10MP2/A1	23.60%	7.792	605.2	12.875	700.6	13.503	82.37%
JCM10MP2/A2	23.50%	7.759	602.9	12.869	699.6	13.495	82.17%
JCM10MP2/A3	23.40%	7.726	600.3	12.856	698.1	13.477	82.13%
JCM10MP2/A4	23.30%	7.694	599.0	12.845	695.8	13.465	82.12%
JCM10MP2/A5	23.20%	7.659	597.4	12.820	694.2	13.436	82.11%
JCM10MP2/A6	23.10%	7.627	596.2	12.792	692.6	13.416	82.09%
JCM10MP2/A7	23.00%	7.593	593.5	12.784	691.4	13.411	81.89%
JCM10MP2/A8	22.90%	7.561	592.5	12.761	691.0	13.405	81.63%
JCM10MP2/A9	22.80%	7.529	589.3	12.752	690.5	13.396	81.39%
JCM10MP2/A10	22.70%	7.493	587.7	12.745	689.2	13.387	81.21%
JCM10MP2/A11	22.60%	7.461	584.5	12.733	687.4	13.379	81.13%
JCM10MP2/A12	22.50%	7.429	583.8	12.711	686.0	13.362	81.05%
JCM10MP2/A13	22.40%	7.396	582.3	12.702	684.0	13.355	80.97%
JCM10MP2/A14	22.30%	7.362	581.2	12.666	683.7	13.345	80.69%
JCM10MP2/A15	22.20%	7.328	580.9	12.636	682.7	13.316	80.61%
JCM10MP2/A16	22.10%	7.296	580.1	12.581	681.0	13.299	80.55%