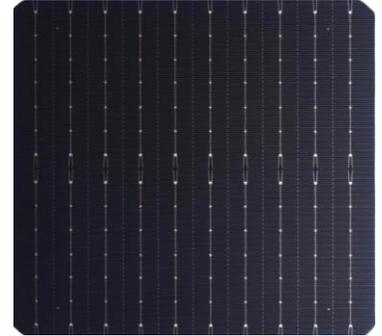


P型182mm*182mm电池片

P-type Solar Cell (182mm*182mm)

机械参数 (Product Specification)

尺寸 (Dimension)	182mm*182mm±0.5mm Φ 247mm±0.5mm
厚度 (Thickness)	150 μ m±15 μ m
正面 (Front)	10根主栅线(银), 热氧抗PID, 蓝色减反射膜(氮化硅) 10lines, Silicon oxide+blue silicon nitride compound and reflection coating (PID Free)
背面 (Back)	背电极(银), 钝化层(氮化硅) Back electrode(silver), passivation layer(SiNx:H)

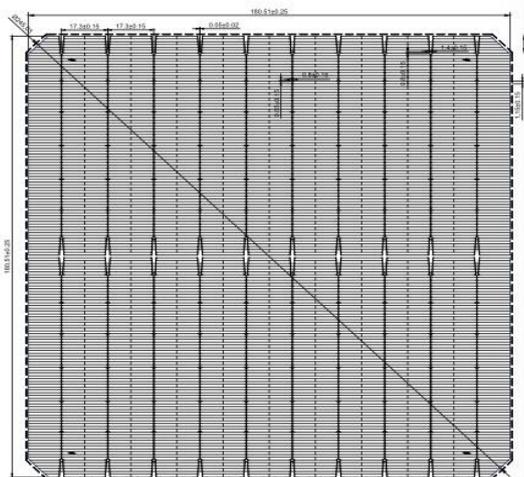


光衰测试(Light Induced Degradation Test)

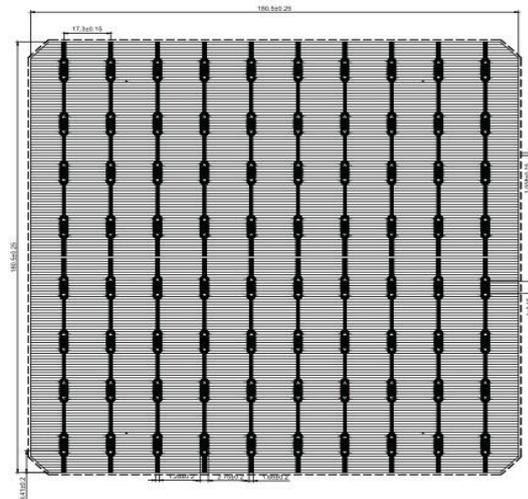
辐照度:1000W/m², 标准太阳光谱(AM 1.5), 总辐照量:5 kwh/m², 电池片效率衰减 \leq 2%

Using Xenon lamp (Irradiance of 1000W/m², with spectrum AM 1.5) to irradiate test cells, after a total irradiation of 5 kwh/m², the degradation of maximum output power of cells is \leq 2%.□

产品外观 (Product Appearance)



Front



Back

温度系数 (Temperature Coefficients)

最大功率温度系数(TK Power)	$-(0.39 \pm 0.02) \%/k$
最大开压温度系数(TK Power)	$-(0.33 \pm 0.03) \%/k$
最大短流温度系数(TK Power)	$+(0.06 \pm 0.015) \%/k$

可焊性 (Solderability)

最小剥离强度 Minimum Peel Strength	$\geq 0.5N/mm$
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结果可能会因焊条、焊接方法及条件而不同。

Results may vary depending on the electrode, welding method and welding conditions.

性能参数 (Electrical Performance)

Eff(%)	Pmpp(W)	Umpp(V)	Impp(A)	Uoc(V)	Isc(A)	FF(%)
23.8	7.86	0.621	12.658	0.701	13.650	82.12
23.7	7.83	0.620	12.624	0.700	13.631	82.01
23.6	7.79	0.619	12.590	0.699	13.611	21.90
23.5	7.76	0.618	12.554	0.697	13.610	81.79
23.4	7.73	0.617	12.521	0.696	13.597	81.63
23.3	7.69	0.616	12.488	0.695	13.583	81.49
23.2	7.66	0.615	12.454	0.694	13.568	81.34
23.1	7.63	0.614	12.421	0.693	13.551	81.21
23	7.59	0.613	12.387	0.692	13.498	81.29
22.9	7.56	0.612	12.354	0.691	13.479	81.17
22.8	7.53	0.611	12.320	0.690	13.449	81.12