

# N型210mm\*210mm电池片

## N-type Solar Cell (210mm\*210mm)

### 机械参数 (Product Specification)

尺寸 (Dimension)	210mm*210mm±0.5mm Φ295mm±0.5mm
厚度 (Thickness)	130±13um 主栅线 (银), 蓝(深蓝)色抗反射膜 (氮化硅), 载流子注入金属化技术(CIF)
正面 (Front)	Bus bars(silver), (dark) blue anti-reflecting coating (SiNx:H), CIF
背面 (Back)	背电极(银), 钝化层(氮化硅) Back electrode(silver), passivation layer(SiNx:H)



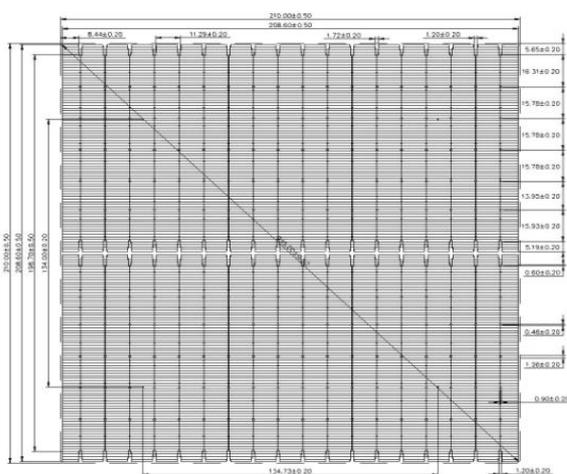
### 光强可靠性 (Luminous Intensity)

Intensity(W/m <sup>2</sup> )	Uoc	Isc
1000	1.000	1.000
900	0.996	0.903
800	0.991	0.803
600	0.988	0.602
400	0.962	0.403

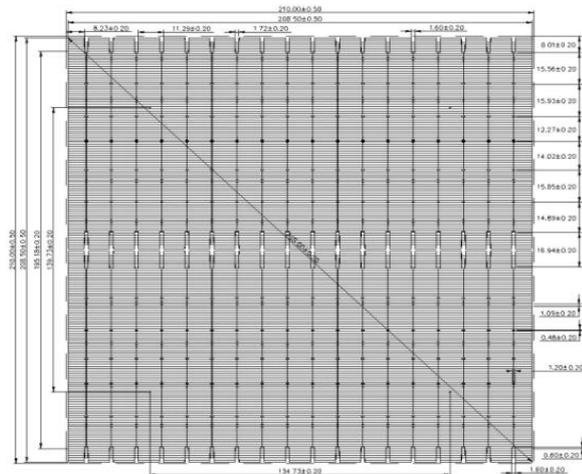
以(1000W/m<sup>2</sup>, AM1.5,25°C)测试的Uoc(Isc)为标准, 测试Uoc(Isc)随光强下降的幅度。

Standard Test Conditions: 1000W/m<sup>2</sup>, AM1.5, 25 °C

### 产品外观 (Product Appearance)



FRONT



REAR

## 温度系数 (Temperature Coefficients)

电压温度系数 TKVoltage	-0.26%/K
电流温度系数 TKCurrent	+0.046%/K
功率温度系数 TKPower	-0.29%/K

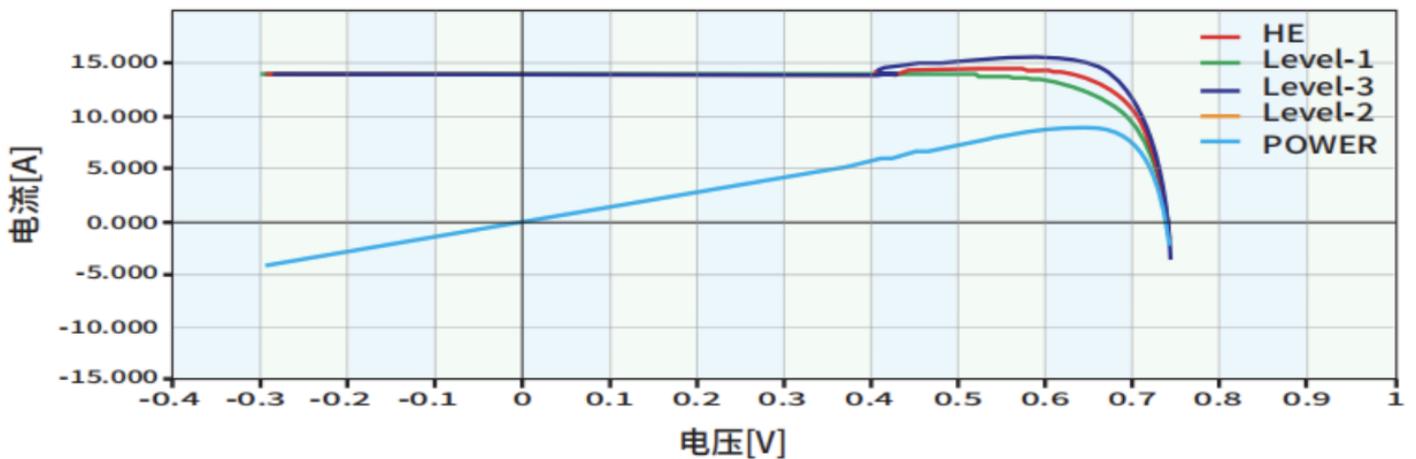
## 可焊性 (Solderability)

最小剥离强度 Minimum Peel Strength	≥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.

## VI曲线 (IV Curve)



## 性能参数 (Electrical Performance)

Eff(%)	Pmpp(W)	Umpp(V)	Impp(A)	Uoc(V)	Isc(A)	FF(%)
23.1	10.18	0.590	17.261	0.690	18.186	81.15
23	10.14	0.589	17.216	0.689	18.166	81.01
22.9	10.1	0.587	17.206	0.688	18.140	80.93
22.8	10.05	0.586	17.151	0.687	18.125	80.71
22.7	10.01	0.584	17.140	0.686	18.108	80.58
22.6	9.97	0.583	17.101	0.685	18.088	80.46
22.5	9.92	0.581	17.074	0.684	18.062	80.18
22.4	9.88	0.579	17.064	0.683	18.049	80.02
22.3	9.83	0.577	17.036	0.682	18.030	79.94
22.2	9.79	0.575	17.026	0.681	18.016	79.79
22.1	9.75	0.574	16.986	0.680	17.995	79.68