

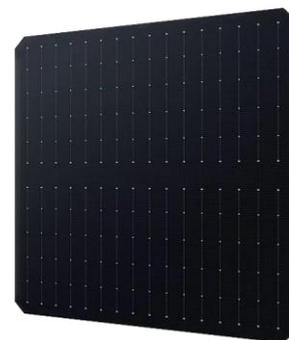
N型182mm*210mm电池片

N-type Solar Cell (182mm*210mm)



机械参数 (Product Specification)

尺寸 (Dimension)	182mm*210mm±0.5mm Φ 272mm±0.5mm
厚度 (Thickness)	130±20um
正面 (Front)	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) 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)



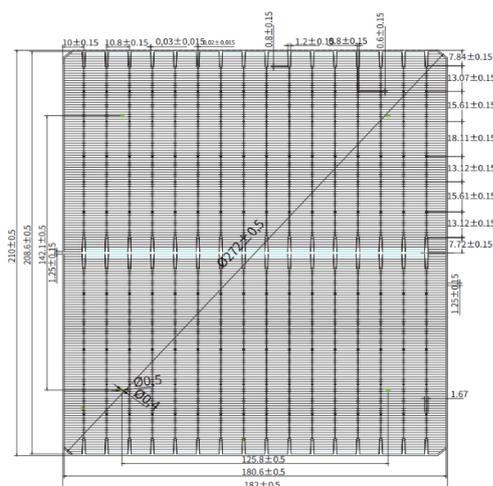
光强可靠性 (Luminous Intensity)

Intensity(W/m2)	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

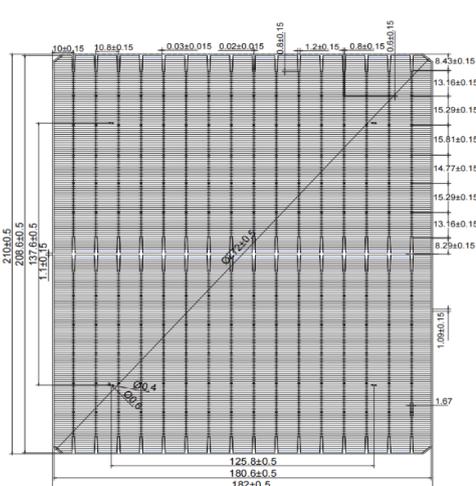
以(1000W/m2, AM1.5,25°C)测试的Uoc(Isc)为标准, 测试Uoc(Isc)随光强下降的幅度。

Standard Test Conditions: 1000W/m2, AM1.5,25 °C

产品外观 (Product Appearance)



正面
Front



背面
Back

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

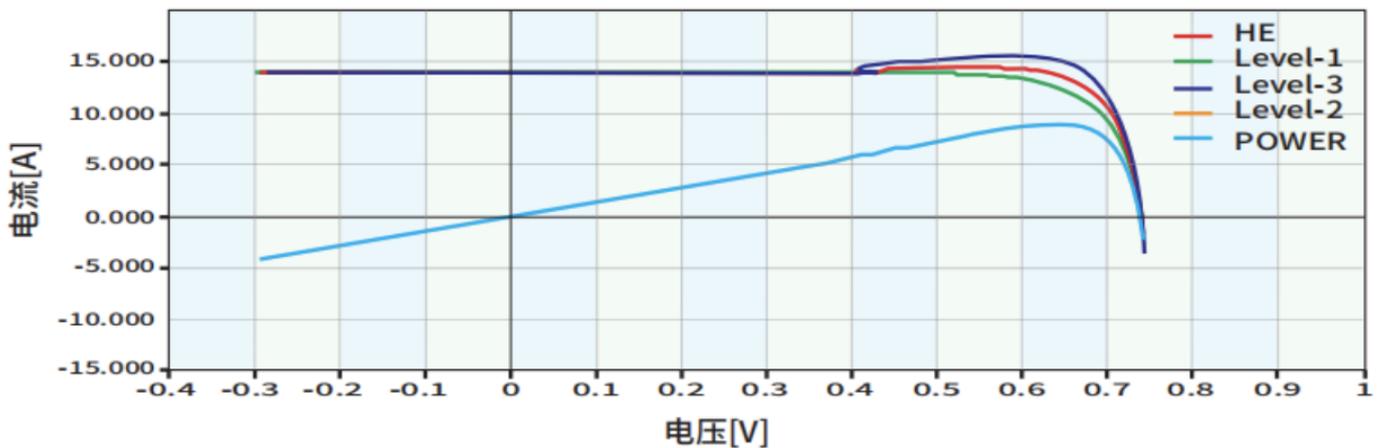
可焊性 (Solderability)

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(%)
25.5	9.74	0.654	14.890	0.733	15.930	85.14
25.4	9.7	0.653	14.820	0.732	15.910	85.03
25.3	9.66	0.652	14.810	0.731	15.900	84.90
25.2	9.62	0.650	14.800	0.730	15.900	84.70
25.1	9.58	0.648	14.790	0.729	15.900	84.59
25	9.55	0.644	14.820	0.727	15.900	84.39
24.9	9.51	0.642	14.800	0.727	15.900	84.06
24.8	9.47	0.638	14.840	0.724	15.880	84.24
24.7	9.43	0.638	0.177	0.725	15.890	83.59
24.6	9.39	0.631	14.880	0.721	15.910	83.02
24.5	9.36	0.630	14.840	0.724	15.890	83.11
24.4	9.32	0.628	14.840	0.720	15.910	82.48
24.3	9.28	0.628	14.780	0.725	15.870	82.48
23	9.78	0.623	14.100	0.725	15.870	81.66