

N型双面电池片

N-Type Bifacial Cells

TN210B-Q16D1

产品特性 Product Characteristics



高转换效率

Higher conversion efficiency



优越的抗PID性能

Excellent Anti-PID



更低的温度系数，低至-0.31%/°C

Lower temperature coefficient, down to -0.31%/°C



更优的弱光特性

Superior low irradiance performance



光致衰减为“0”

LID “0”



更高的功率，更适合高功率组件

Higher efficiency solar cells, higher solar module output



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电性能特征 Electric Performance

EFF(%)	Pmpp(W)	Vmpp(V)	Impp(A)	Uoc(V)	Isc(A)
26.0	4.96	0.650	7.637	0.741	7.976
25.9	4.94	0.649	7.619	0.740	7.967
25.8	4.93	0.648	7.602	0.739	7.955
25.7	4.91	0.646	7.596	0.737	7.948
25.6	4.89	0.645	7.578	0.736	7.939
25.5	4.87	0.644	7.560	0.735	7.928
25.4	4.85	0.643	7.542	0.733	7.922
25.3	4.83	0.642	7.524	0.732	7.912
25.2	4.81	0.641	7.506	0.731	7.901
25.1	4.79	0.640	7.488	0.730	7.895
25.0	4.77	0.638	7.481	0.729	7.886
24.9	4.75	0.637	7.463	0.727	7.885
24.8	4.73	0.635	7.457	0.725	7.883
24.7	4.72	0.635	7.427	0.723	7.881
24.6	4.70	0.633	7.420	0.721	7.879
24.5	4.68	0.632	7.401	0.719	7.874
24.4	4.66	0.630	7.395	0.717	7.871
24.3	4.64	0.628	7.388	0.716	7.858
24.2	4.62	0.626	7.381	0.715	7.839

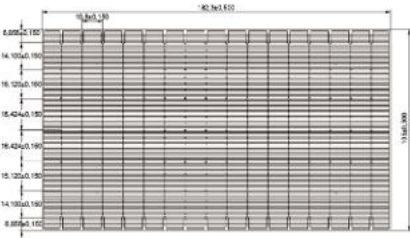
标准测试条件 Standard Test Condition: 光强 Light intensity: 1000W/ m², 温度 Temperature: 25±2℃, AM 1.5

温度系数 Temperature Coefficients

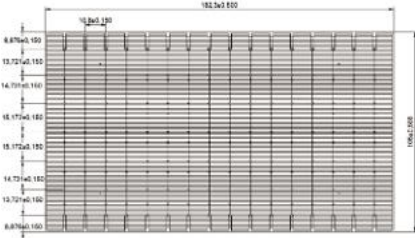
电压温度系数 TkVoltage	-(0.26±0.03)%/K
电流温度系数 TkCurrent	+(0.046±0.015)%/K
功率温度系数 TkPower	-(0.31±0.02)%/K

产品特征 Product Features

尺寸规格 Dimension	182.3mm×105mm(±0.5mm)
电池厚度 Cell Thickness	130μm±13μm
正面(+)Front side	16根主电极, 氮化硅减反射膜, 118细栅 16 busbars, Silicon nitride antireflection coating, 118Fingers
背面(-)Back side	16根主电极, 氮化硅减反射膜, 114细栅 16 busbars, Silicon nitride antireflection coating, 114Fingers

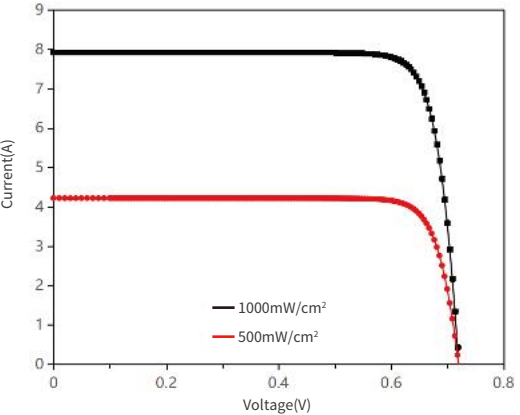


正面Front-side



背面Rear-side

IV曲线 IV Curve



光谱响应 Spectral Response (SR)

