

N型双面电池片

N-Type Bifacial Cells

TN182B-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，光致衰减为“0”

Low temperature coefficient, LID “0”



更低的封损，更适合高效组件

Lower CTM loss, More suitable for high-efficiency modules



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电性能特征 Electric Performance

EFF(%)	Pmpp(W)	Vmpp(V)	Impp(A)	Uoc(V)	Isc(A)	FF(%)
25.5	8.54	0.644	13.253	0.734	13.899	83.66
25.4	8.50	0.643	13.222	0.733	13.889	83.51
25.3	8.47	0.642	13.190	0.732	13.871	83.40
25.2	8.43	0.641	13.159	0.731	13.852	83.30
25.1	8.40	0.640	13.127	0.730	13.841	83.15
25.0	8.37	0.638	13.116	0.729	13.824	83.03
24.9	8.33	0.637	13.084	0.727	13.824	82.93
24.8	8.30	0.635	13.072	0.725	13.819	82.85
24.7	8.27	0.635	13.019	0.723	13.817	82.76
24.6	8.23	0.633	13.008	0.721	13.812	82.68
24.5	8.20	0.632	12.975	0.719	13.805	82.62
24.4	8.17	0.630	12.963	0.717	13.798	82.55
24.3	8.13	0.628	12.951	0.716	13.776	82.46
24.2	8.10	0.626	12.939	0.715	13.743	82.43
24.1	8.07	0.624	12.927	0.714	13.719	82.35
24.0	8.03	0.622	12.915	0.713	13.700	82.24

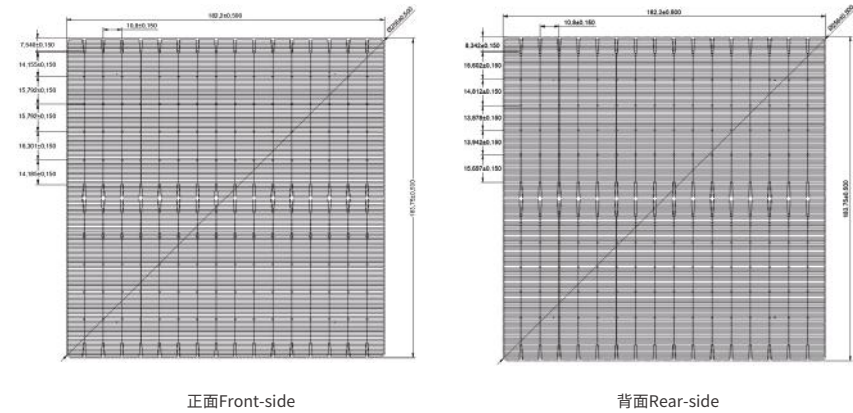
标准测试条件 Standard Test Condition: 光强 Light intensity: 1000W/ m², 温度 Temperature: 25±2℃, AM 1.5

温度系数 Temperature Coefficients

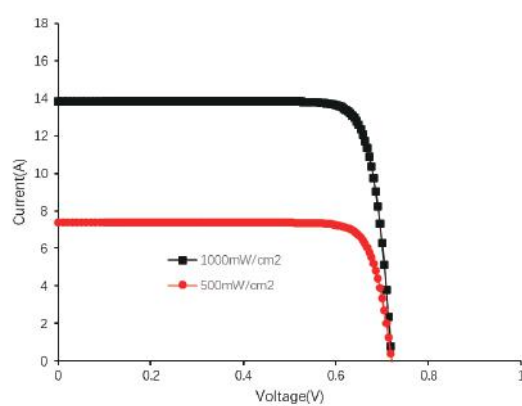
电压温度系数 TkVoltage	-(0.26±0.03)%/K
电流温度系数 TkCurrent	+(0.046±0.015)%/K
功率温度系数 TkPower	-(0.31±0.02)%/K

产品特征 Product Features

尺寸规格 Dimension	182.2mm×183.75mm(±0.5mm), Φ256mm±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 16 busbars, Silicon nitride antireflection coating
背面(-)Back side	16根主电极, 氮化硅减反射膜 16 busbars, Silicon nitride antireflection coating



IV曲线 IV Curve



光谱响应 Spectral Response (SR)

