

N型双面单晶电池片

Monocrystalline Bifacial TOPCon Cell

TN182C-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 $-0.31\%/^{\circ}\text{C}$
Lower temperature coefficient, down to $-0.31\%/^{\circ}\text{C}$



更优的弱光特性
Superior low irradiance performance



光致衰减，光致衰减为“0”
Low temperature coefficient, PID “0”



更高的功率，更适合高功率组件
Higher efficiency solar cells, higher solar module output



安徽旭合新能源科技有限公司 Solar N Plus New Energy Technology Co., LTD

地址: 安徽省滁州市中新苏滁产业开发区建业路1号

Add: No.1 Jianye road, Suchu High-Tech Industrial Park, Chuzhou City, Anhui Province, China

电话 Tel: 0550-3012191

网址 web: www.solarnplus.com

电性能特征 Electric Performance

EFF(%)	Pmpp(W)	Vmpp(V)	Imp(A)	Uoc(V)	Isc(A)	FF(%)
25.5	8.90	0.644	13.821	0.735	14.495	83.55
25.4	8.87	0.643	13.789	0.733	14.484	83.51
25.3	8.83	0.642	13.756	0.732	14.466	83.40
25.2	8.80	0.641	13.723	0.731	14.446	83.30
25.1	8.76	0.640	13.690	0.730	14.434	83.15
25.0	8.73	0.638	13.678	0.729	14.417	83.03
24.9	8.69	0.637	13.645	0.727	14.416	82.91
24.8	8.66	0.635	13.633	0.725	14.412	82.83
24.7	8.62	0.635	13.578	0.723	14.409	82.76
24.6	8.59	0.633	13.565	0.721	14.405	82.64
24.5	8.55	0.632	13.532	0.719	14.396	82.58
24.4	8.52	0.630	13.519	0.717	14.390	82.55
24.3	8.48	0.628	13.507	0.716	14.366	82.44
24.2	8.45	0.626	13.494	0.715	14.333	82.43
24.1	8.41	0.624	13.481	0.714	14.307	82.35
24.0	8.38	0.622	13.469	0.713	14.287	82.24

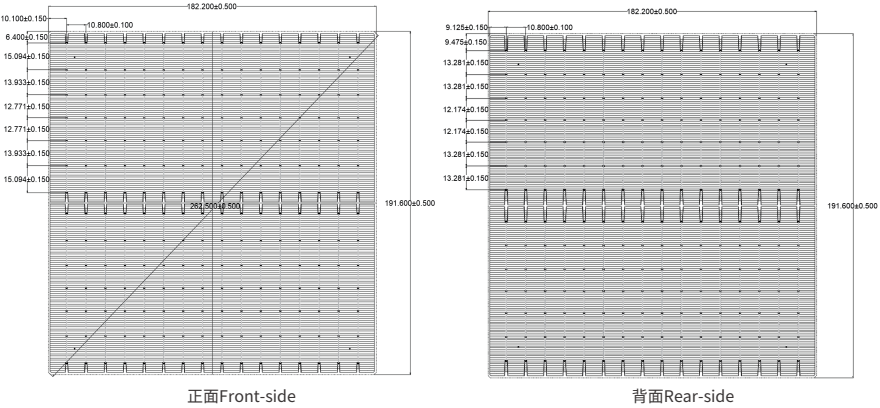
标准测试条件 Standard Test Condition: 光强 Light intensity: 1000W/ m², 温度 Temperature:25±2℃, AM 1.5

温度系数 Temperature Coefficients

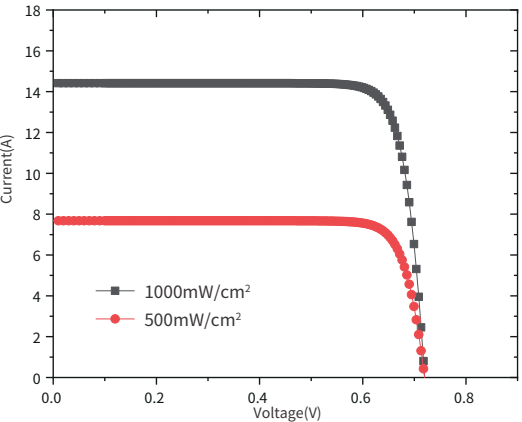
电压温度系数 TkVoltage	-(0.26±0.03)%/K
电流温度系数 TkCurrent	+(0.046±0.015)%/K
功率温度系数 TkPower	-(0.31±0.02)%/K

产品特征 Product Features

尺寸规格 Dimension	191.6mm×182.2mm(±0.5mm), Φ262.5mm±0.5mm
电池厚度 Cell Thickness	130μm±20μm
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)

