

N型双面单晶电池片

Monocrystalline Bifacial TOPCon Cell

TN210A-Q18D1

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	11.24	0.644	17.460	0.734	18.311	83.66
25.4	11.20	0.643	17.419	0.733	18.297	83.51
25.3	11.16	0.642	17.377	0.732	18.274	83.40
25.2	11.11	0.641	17.336	0.731	18.249	83.30
25.1	11.07	0.640	17.294	0.730	18.234	83.15
25.0	11.02	0.638	17.280	0.729	18.219	83.00
24.9	10.98	0.637	17.237	0.727	18.212	82.91
24.8	10.94	0.635	17.222	0.725	18.207	82.86
24.7	10.89	0.635	17.153	0.723	18.203	82.76
24.6	10.85	0.633	17.136	0.721	18.196	82.67
24.5	10.80	0.632	17.095	0.719	18.188	82.58
24.4	10.76	0.630	17.077	0.717	18.177	82.55
24.3	10.72	0.628	17.070	0.716	18.156	82.44
24.2	10.67	0.626	17.048	0.715	18.107	82.43
24.1	10.63	0.624	17.032	0.714	18.075	82.35
24.0	10.58	0.622	17.015	0.713	18.048	82.24

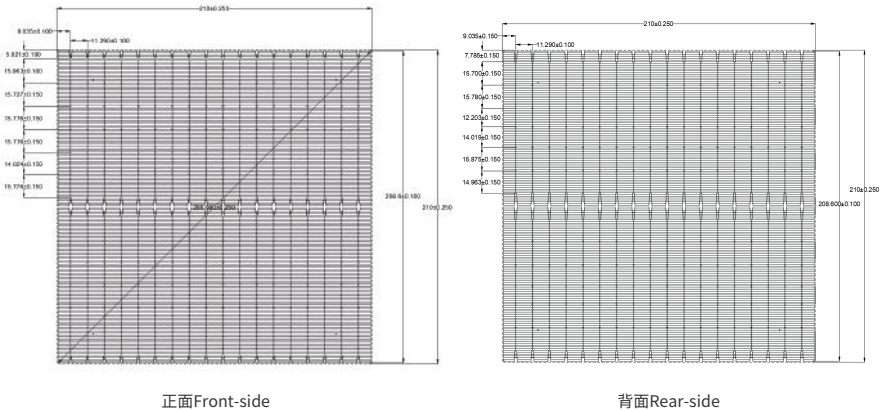
标准测试条件 Standard Test Condition: 光强 Light intensity: 1000W/ m², 温度 Temperature:25±2℃, AM 1.5

温度系数 Temperature Coefficients

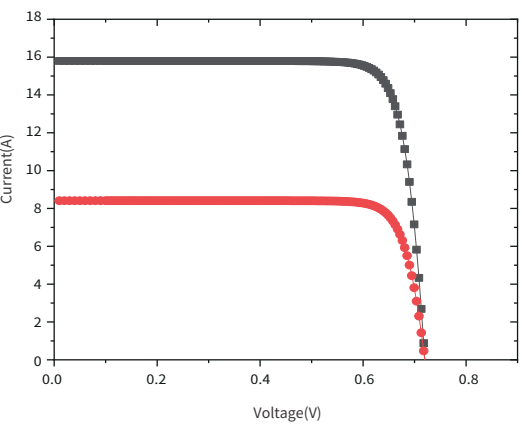
电压温度系数 TkVoltage	-(0.26±0.03)%/K
电流温度系数 TkCurrent	+(0.046±0.015)%/K
功率温度系数 TkPower	-(0.31±0.02)%/K

产品特征 Product Features

尺寸规格 Dimension	210mm×210mm(±0.25mm), Φ295mm±0.25mm
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)

