

N型双面电池片

N-Type Bifacial Cells

TN210H-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%/°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)	Impp(A)	Uoc(V)	Isc(A)
25.6	5.64	0.644	8.764	0.735	9.155
25.5	5.62	0.644	8.730	0.735	9.149
25.4	5.60	0.643	8.709	0.733	9.137
25.3	5.58	0.642	8.689	0.732	9.124
25.2	5.56	0.641	8.668	0.731	9.117
25.1	5.53	0.640	8.647	0.730	9.110
25.0	5.51	0.638	8.639	0.729	9.106
24.9	5.49	0.637	8.618	0.727	9.103
24.8	5.47	0.635	8.611	0.725	9.102
24.7	5.45	0.635	8.576	0.723	9.098
24.6	5.42	0.633	8.568	0.721	9.094
24.5	5.40	0.632	8.547	0.719	9.088
24.4	5.38	0.630	8.539	0.717	9.078
24.3	5.36	0.628	8.531	0.716	9.054
24.2	5.34	0.626	8.523	0.715	9.038

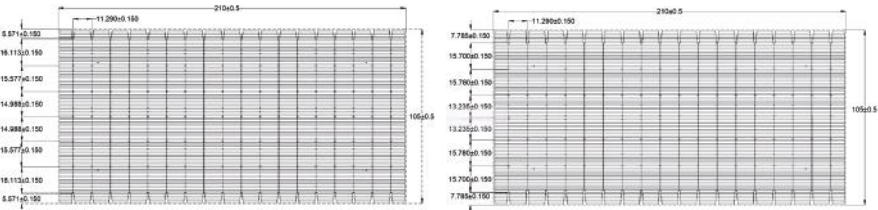
标准测试条件 Standard Test Condition: 光强 Light intensity: 1000W/ m², 温度 Temperature: 25±2℃, AM 1.5

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

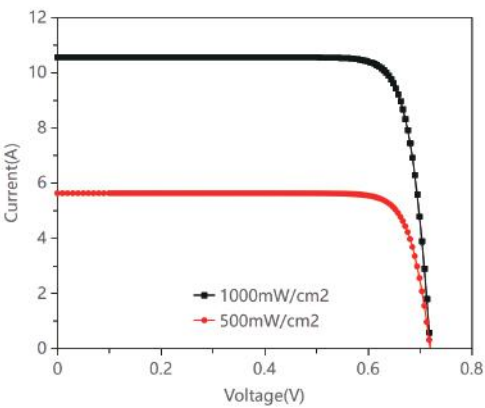
尺寸规格 Dimension	210mm×105mm(±0.5mm)
电池厚度 Cell Thickness	130μm±13μm
正面(+)Front side	18根主电极, 氮化硅减反射膜 18 busbars,Silicon nitride antireflection coating
背面(-)Back side	18根主电极, 氮化硅减反射膜 18 busbars,Silicon nitride antireflection coating



正面Front-side

背面Rear-side

IV曲线 IV Curve



光谱响应 Spectral Response (SR)

