



SOLARPLUS

TN210B-R16D1

Monocrystalline Bifacial N-Type Cell

PRODUCT CHARACTERISTICS



HIGH CONVERSION EFFICIENCY
WITH HIGH RELIABILITY



NO LIGHT-INDUCED
DEGRADATION



STABLE MANUFACTURING PROCESS,
UNIFORM ELECTRICAL PERFORMANCE



HIGH BIFACIALITY GUARANTEES
MORE ELECTRICITY GENERATION



LOW HOT SPOT
EFFECT



LOW MISMATCH OF CELL PERFORMANCE
DURING ENCAPSULATION



EXCELLENT POWER GENERATION PERFORMANCE
UNDER LOW IRRADIATION

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ELECTRIC PERFORMANCE

Eff(%)	Pmpp(W)	Vmpp(V)	Imp(A)	Voc(V)	Isc(A)
25.7	9.81	0.646	15.191	0.737	15.895
25.6	9.78	0.645	15.156	0.736	15.878
25.5	9.74	0.644	15.120	0.735	15.856
25.4	9.70	0.643	15.084	0.733	15.845
25.3	9.66	0.642	15.048	0.732	15.825
25.2	9.62	0.641	15.012	0.731	15.803
25.1	9.58	0.640	14.976	0.730	15.790
25.0	9.55	0.638	14.963	0.729	15.771
24.9	9.51	0.637	14.926	0.727	15.771
24.8	9.47	0.635	14.913	0.725	15.766
24.7	9.43	0.635	14.853	0.723	15.763
24.6	9.39	0.633	14.840	0.721	15.758
24.5	9.36	0.632	14.803	0.719	15.749
24.4	9.32	0.630	14.789	0.717	15.742
24.3	9.28	0.628	14.775	0.716	15.716
24.2	9.24	0.626	14.762	0.715	15.679

Under standard test condition: 1000W/m², AM 1.5, 25±2°C

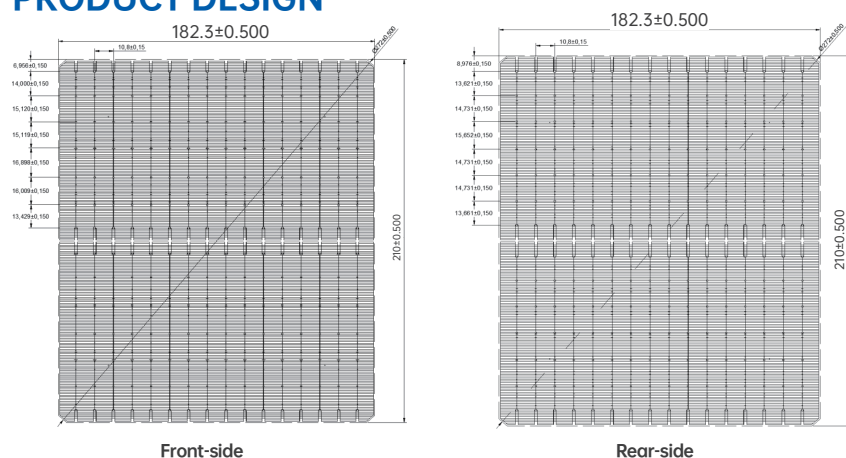
TEMPERATURE COEFFICIENTS

TkCurrent	+(0.046±0.015) %/K
TkVoltage	-(0.26±0.03) %/K
TkPower	-(0.31±0.02) %/K

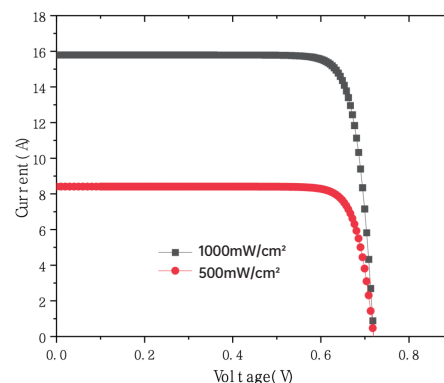
PRODUCT FEATURES

Dimension	210mm×182.3mm(±0.5mm), Φ272mm±0.5mm
Cell Thickness	130μm(±13μm)
Front side	16 busbars, Silicon nitride antireflection coating
Back side	16 busbars, Silicon nitride antireflection coating

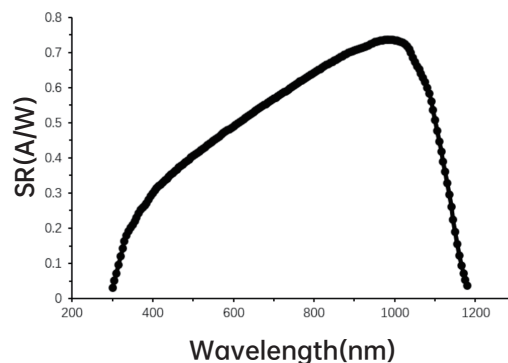
PRODUCT DESIGN



IV CURVE



SPECTRAL RESPONSE(SR)



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