



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	4.91	0.646	7.596	0.737	7.948
25.6	4.89	0.645	7.578	0.736	7.939
25.5	4.87	0.644	7.560	0.735	7.928
25.4	4.85	0.643	7.542	0.733	7.922
25.3	4.83	0.642	7.524	0.732	7.912
25.2	4.81	0.641	7.506	0.731	7.901
25.1	4.79	0.640	7.488	0.730	7.895
25.0	4.77	0.638	7.481	0.729	7.886
24.9	4.75	0.637	7.463	0.727	7.885
24.8	4.73	0.635	7.457	0.725	7.883
24.7	4.72	0.635	7.427	0.723	7.881
24.6	4.70	0.633	7.420	0.721	7.879
24.5	4.68	0.632	7.401	0.719	7.874
24.4	4.66	0.630	7.395	0.717	7.871
24.3	4.64	0.628	7.388	0.716	7.858
24.2	4.62	0.626	7.381	0.715	7.839

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

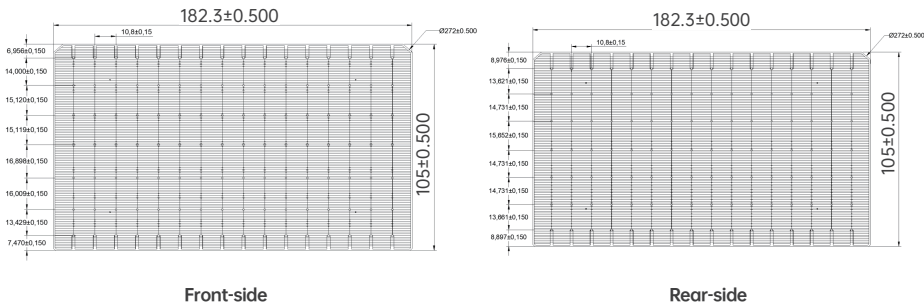
TEMPERATURE COEFFICIENTS

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

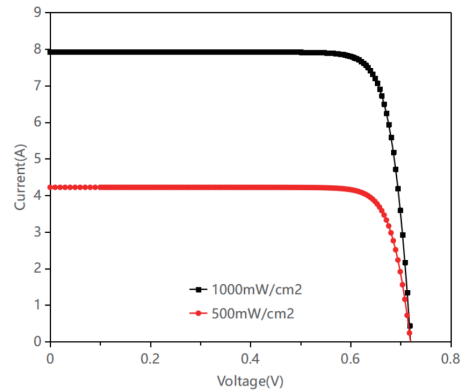
PRODUCT FEATURES

Dimension	182.3mm×105mm(±0.5mm)
Cell Thickness	130μm(±13μm)
Front side	16 busbars, Silicon nitride antireflection coating
Back side	16 busbars, Silicon nitride antireflection coating

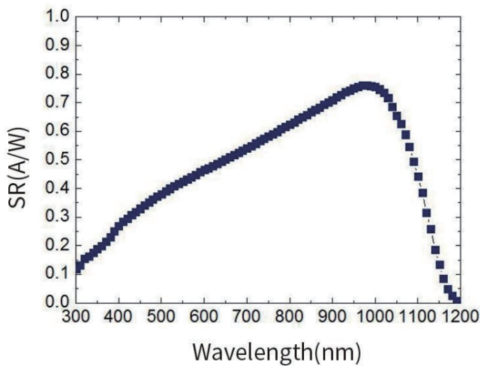
PRODUCT DESIGN



IV CURVE



SPECTRAL RESPONSE(SR)



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