AE210NT-16BB

TOPCON BIFACIAL SOLAR CELL

Technical parameters

Size	182.3mm x 210mm±0.25mm
Thickness	130μm±13μm
Front(-)	The front side is a half-cut design. Busbar Width 1 0 . 8 ±0.15mm. Silicon oxide + blue silicon nitride compound anti-reflection coating (PID Free).
Back(+)	The width is 10.8 ± 0.15mm, Silicon nitride anti-reflection coating

Temperature coefficient

TkVoltage: -0.25%/K
TkCurrent: +0.055%/k
TkPower: -0.32%/K

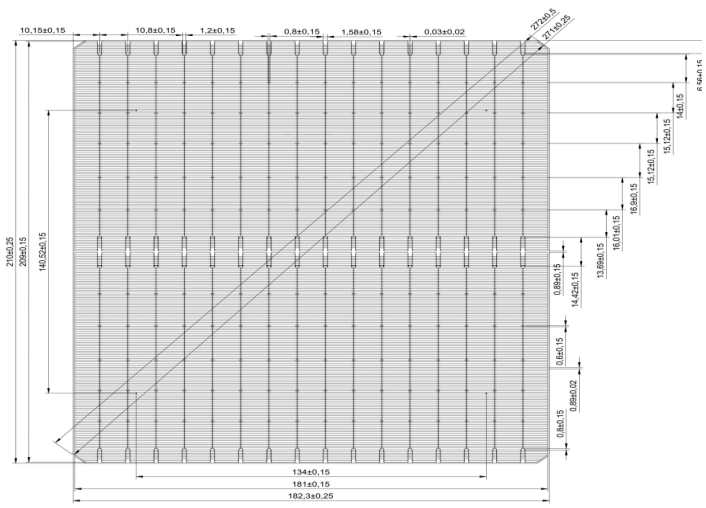
Standard Test Condition (STC)

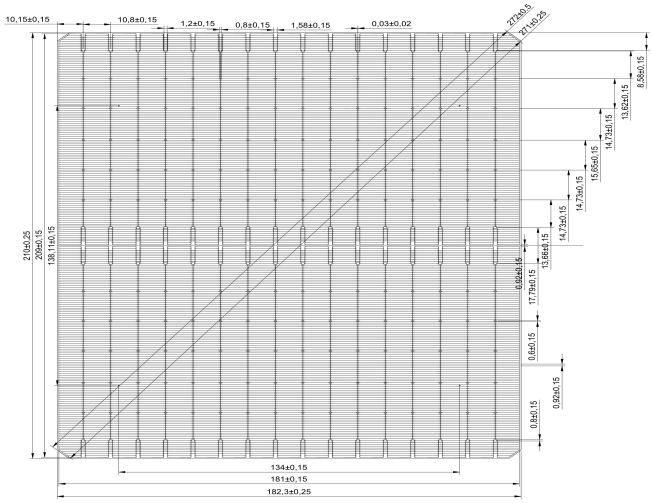
Intensity: 1000W/m²
Spectrum: AM1.5G
Temperature: 25℃

Electrical Parameters

Eff(%)	Pm(Wp)	Umpp(V)	Impp(A)	Voc(V)	Isc(A)
25.8	9.87	0.6750	15.75	0.7400	16.01
25.7	9.83	0.6780	15.77	0.7390	16.03
25.6	9.79	0.6550	15.76	0.7393	16.02
25.5	9.75	0.6580	15.75	0.7392	16.00
25.4	9.71	0.6540	15.77	0.7407	16.02
25.3	9.68	0.6540	15.72	0.7395	16.01
25.2	9.64	0.6530	15.70	0.7385	16.00
25.1	9.60	0.6510	15.68	0.7378	16.00
25.0	9.56	0.6500	15.66	0.7371	15.99
24.9	9.52	0.6480	15.63	0.7364	15.99
24.8	9.48	0.6470	15.61	0.7356	15.99
24.7	9.45	0.6460	15.58	0.7349	15.99
24.6	9.41	0.6350	15.53	0.7356	15.96
24.5	9.37	0.6460	15.51	0.7334	14.06
24.4	9.33	0.6660	15.51	0.7342	14.05

*Under Standard Testing Conditions(STC): Irradiance1000W/m², AM1.5,Temperature25°C.





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