

N-Type Cell

- Lower LID
- Superior anti-PID performance
- Lower Cell to Module (CTM) Loss Rate, more suitable for high-efficiency module
- Relative conversion efficiency $\geq 92\%$ under low light ($200\text{W}/\text{m}^2$)
- Front efficiency $\geq 25\%$, Bifacial rate $\geq 80\%$



- ADEME:PPE2
- ISO9001:2015
- ISO14001:2015
- ISO45001:2018
- ISO50001:2018
- ISO14044:2006
- ISO14064
- ISO14067



Mechanical Characteristics

Model	210mono-crystalline Bifacial Solar Cell (N210BM16D2)
Dimension	182.3mm x 210mm±0.5mm, Ø272mm±0.5mm
Thickness	130µm ± 13µm
Front	16 Busbars, 14 Pads, 210 Fingers, Busbar width 0.036mm±0.02mm
Back	16 Busbars, 14 Pads, 228 Fingers, Busbar width 0.036mm±0.02mm

Electrical Characteristics

Efficiency (%)	Power Pmpp (W)	Max. Power Voltage Vmpp (V)	Max. Power Current Imp (A)	Open Circuit Voltage Voc (V)	Short Circuit Current ISC (A)	Fill Factor (%)
26.0	9.93	0.678	14.64	0.741	15.61	85.83
25.9	9.89	0.676	14.63	0.739	15.59	85.84
25.8	9.85	0.674	14.62	0.738	15.58	85.68
25.7	9.81	0.673	14.58	0.737	15.57	85.53
25.6	9.78	0.671	14.57	0.736	15.56	85.35
25.5	9.74	0.669	14.55	0.735	15.54	85.24
25.4	9.70	0.666	14.56	0.734	15.52	85.14
25.3	9.66	0.664	14.55	0.733	15.50	85.01
25.2	9.62	0.662	14.54	0.733	15.46	84.93
25.1	9.58	0.659	14.54	0.732	15.43	84.84
25.0	9.55	0.656	14.55	0.732	15.40	84.67
24.9	9.51	0.653	14.56	0.731	15.38	84.57
24.8	9.47	0.650	14.57	0.730	15.37	84.42
24.7	9.43	0.648	14.55	0.729	15.35	84.28
24.6	9.39	0.645	14.56	0.728	15.32	84.24
24.5	9.36	0.643	14.55	0.727	15.31	84.06
24.4	9.32	0.642	14.51	0.726	15.28	83.99
24.3	9.28	0.639	14.52	0.725	15.25	83.90
24.2	9.24	0.637	14.51	0.723	15.23	83.92
24.1	9.20	0.636	14.47	0.722	15.22	83.74

*Standard Test Condition(STC): 1000W/m², AM 1.5G, 25 °C/Solar Cell Efficiency Positive Tolerance / Specifications and data for reference only

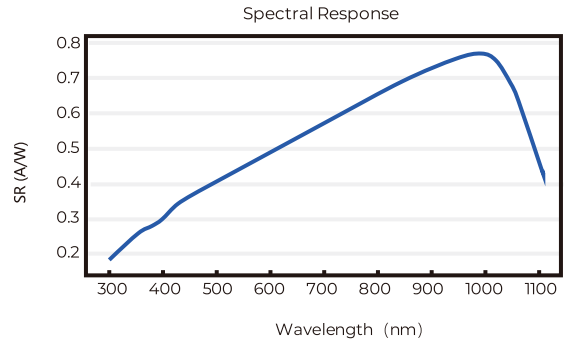
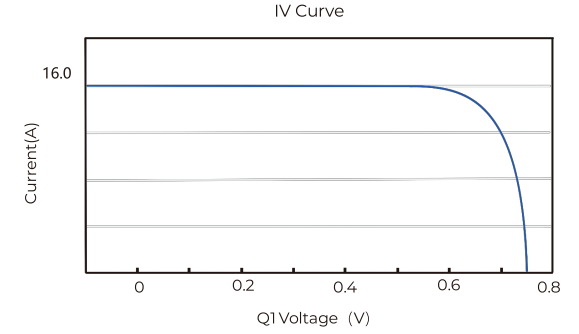
Temperature Coefficients

0.045%/K
TkCurrent

-0.30%/K
TkPower

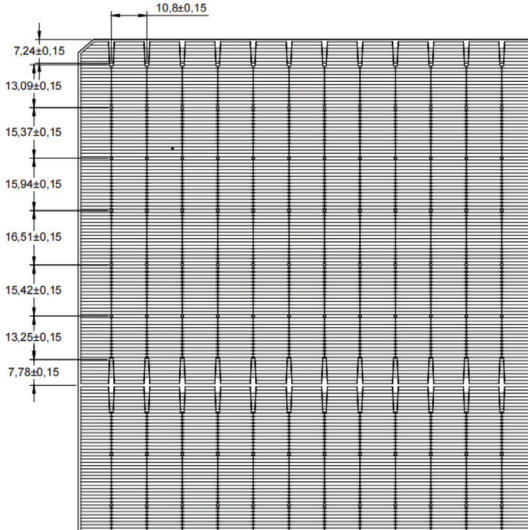
-0.25%/K
TkPower

Performance Curve



Pattern

*Front



*Rear

