

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 (N210BM16D1)
Dimension	182.3mm x 210mm±0.5mm, Ø272mm±0.5mm
Thickness	130µm ± 13µm
Front	16 Busbars, 14 Pads, 186 Fingers, Busbar width 0.036mm±0.02mm
Back	16 Busbars, 14 Pads, 192 Fingers, Busbar width 0.036mm±0.02mm

Electrical Characteristics

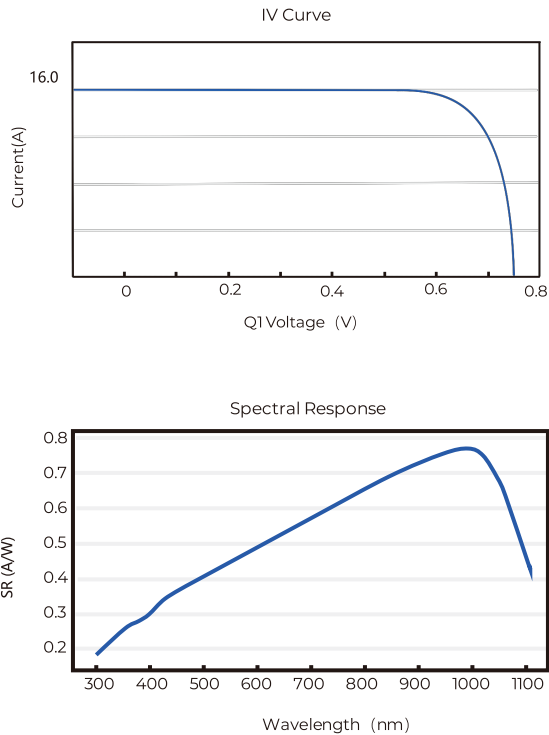
Efficiency (%)	Power Pmpp (W)	Max. Power Voltage Vmpp (V)	Max. Power Current Impp (A)	Open Circuit Voltage Voc (V)	Current ISC (A)	Fill Factor (%)
26.0	9.93	0.661	15.02	0.739	15.68	85.68
25.9	9.89	0.659	15.01	0.738	15.66	85.57
25.8	9.85	0.658	14.97	0.737	15.65	85.41
25.7	9.81	0.656	14.96	0.735	15.63	85.42
25.6	9.78	0.655	14.92	0.734	15.62	85.26
25.5	9.74	0.654	14.89	0.733	15.61	85.11
25.4	9.70	0.653	14.85	0.732	15.58	85.02
25.3	9.66	0.652	14.82	0.731	15.57	84.90
25.2	9.62	0.650	14.80	0.730	15.56	84.72
25.1	9.58	0.648	14.79	0.729	15.54	84.63
25.0	9.55	0.646	14.78	0.728	15.53	84.43
24.9	9.51	0.643	14.79	0.727	15.51	84.32
24.8	9.47	0.641	14.77	0.725	15.49	84.32
24.7	9.43	0.639	14.76	0.724	15.48	84.15
24.6	9.39	0.638	14.72	0.722	15.47	84.10
24.5	9.36	0.637	14.69	0.721	15.46	83.93
24.4	9.32	0.635	14.67	0.720	15.44	83.81
24.3	9.28	0.633	14.66	0.719	15.42	83.69
24.2	9.24	0.632	14.62	0.717	15.41	83.63
24.1	9.20	0.631	14.58	0.716	15.39	83.51

*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
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Performance Curve



Pattern

