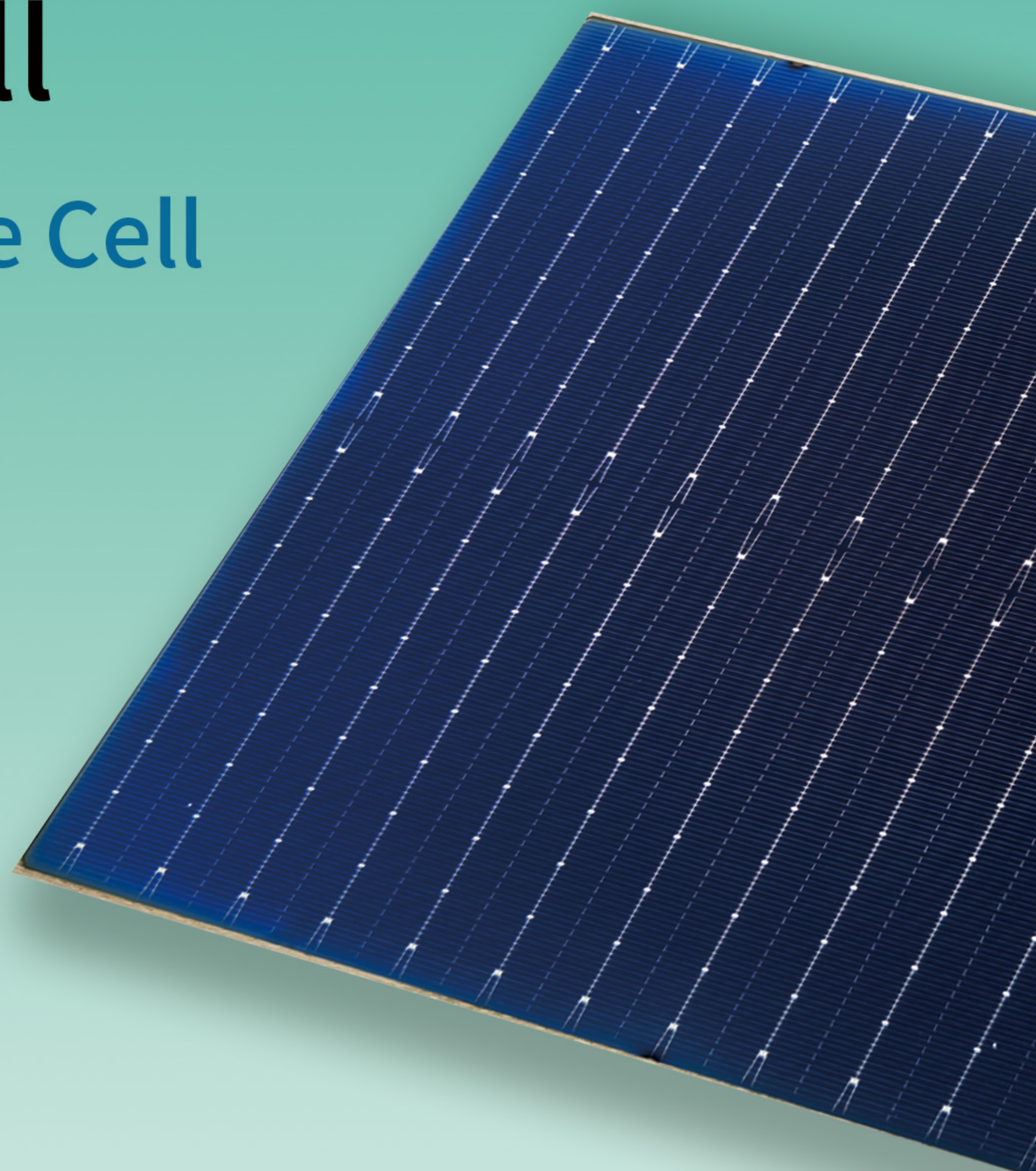


Kylin N-type Series Cell

Bifacial Monocrystalline N-Type Cell

YSG210-18BB



High Conversion Efficiency
Front Efficiency >23.5%



Bifacial Efficiency >75%



LID $\leq 1.5\%$



Superior Anti-PID Performance



Power Temperature Coefficient
As low as $-0.34\%/K$



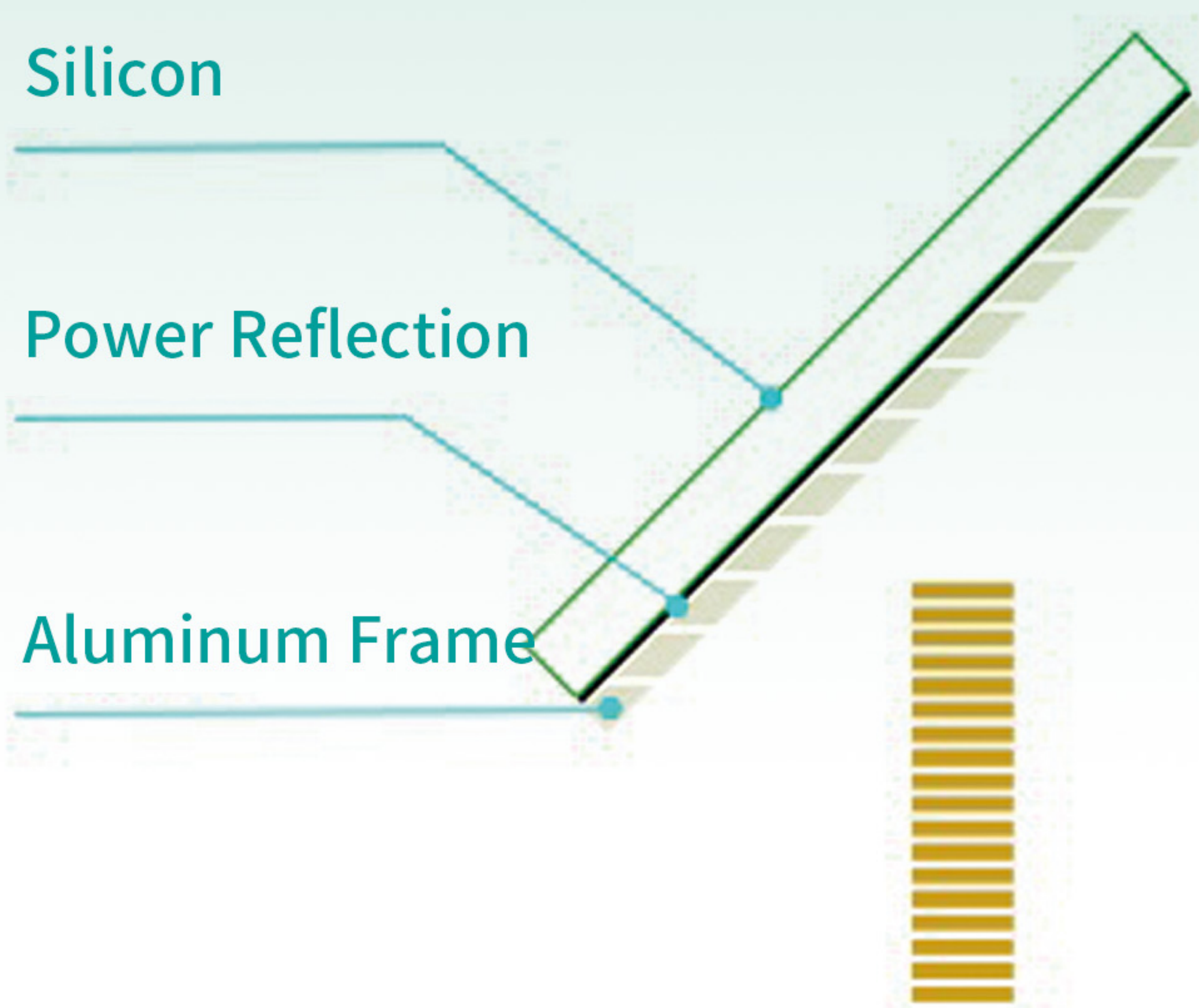
Lower sealing loss
More suitable for high-efficiency modules

Kylin Series Cell

Silicon

Power Reflection

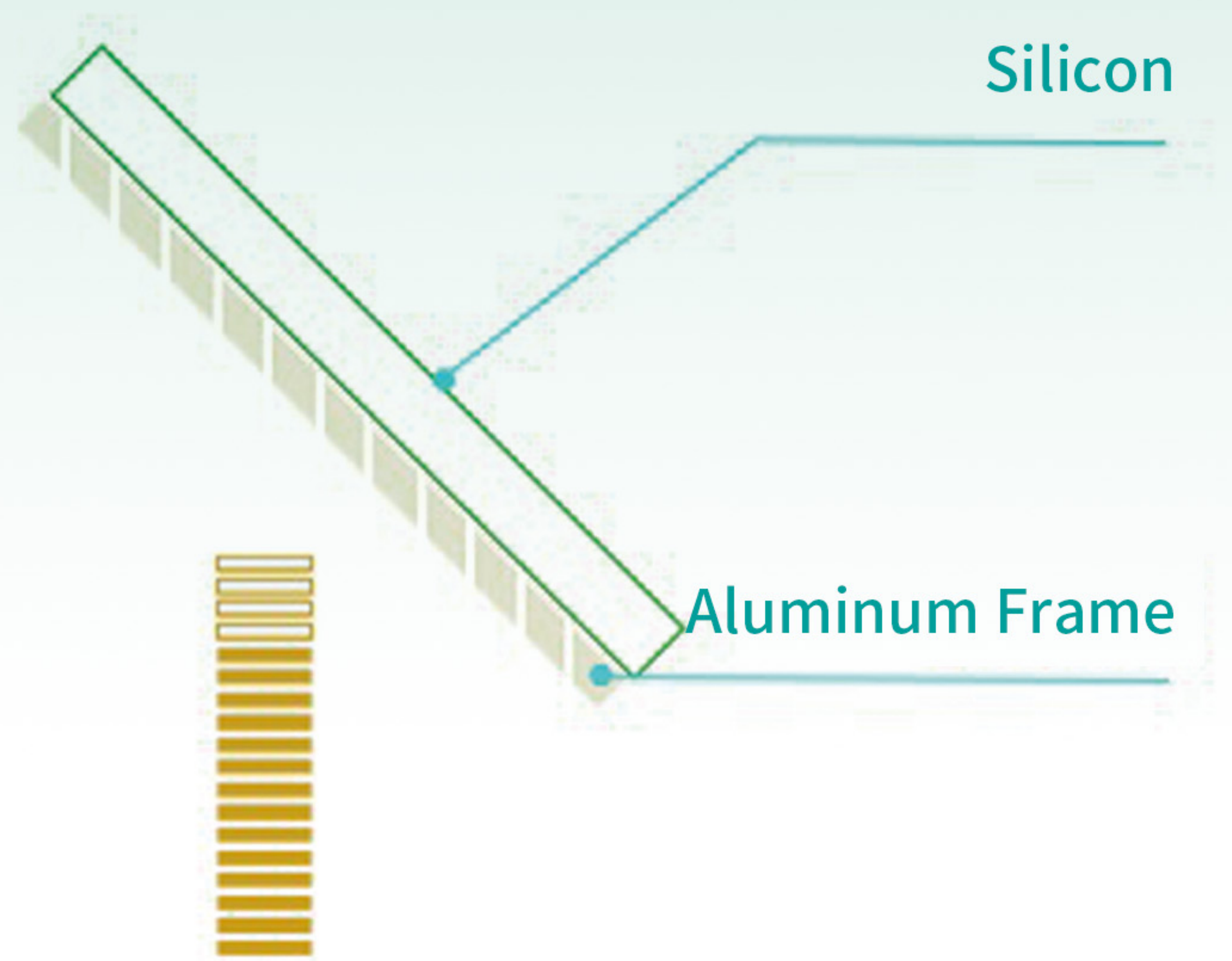
Aluminum Frame



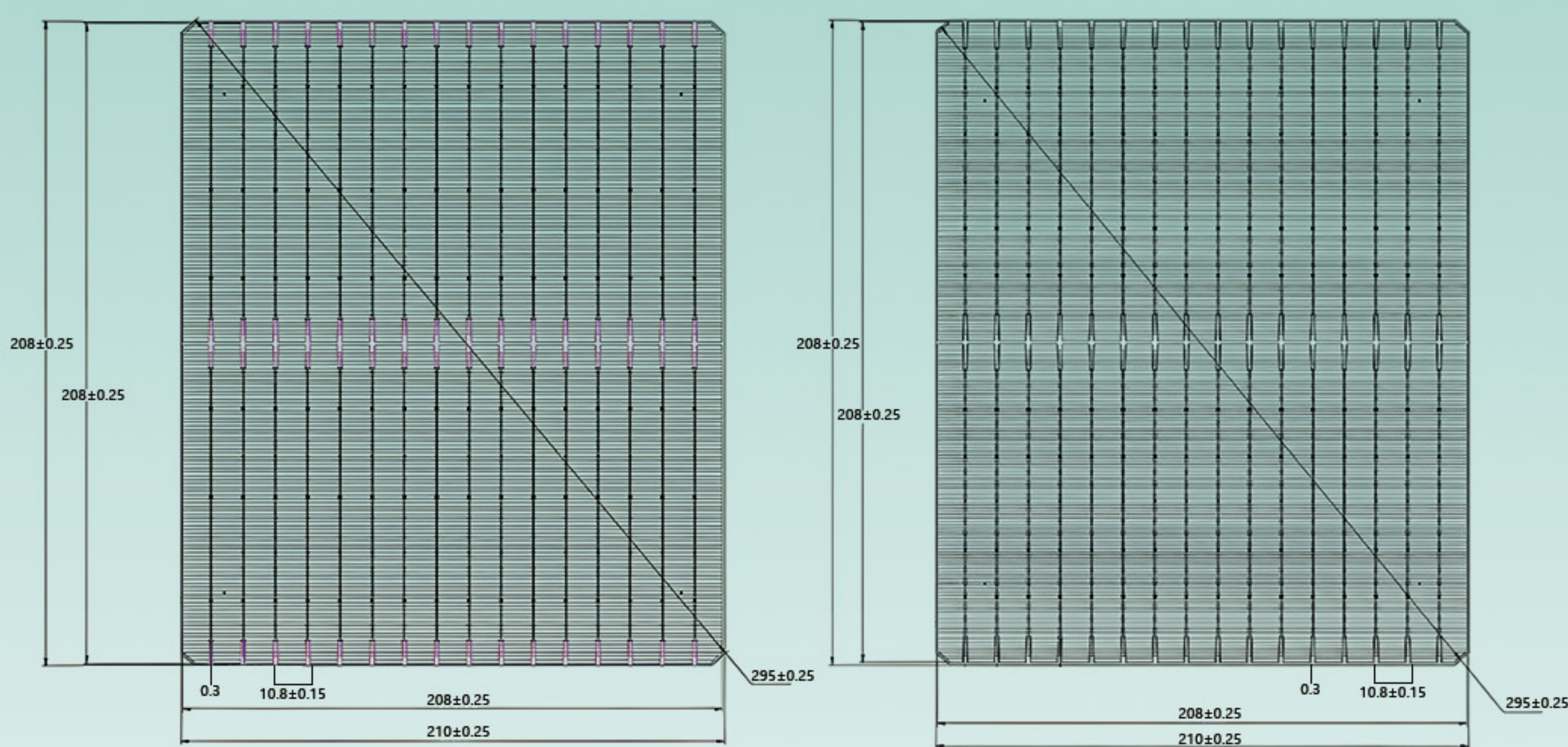
Conventional Photovoltaic Cell

Silicon

Aluminum Frame



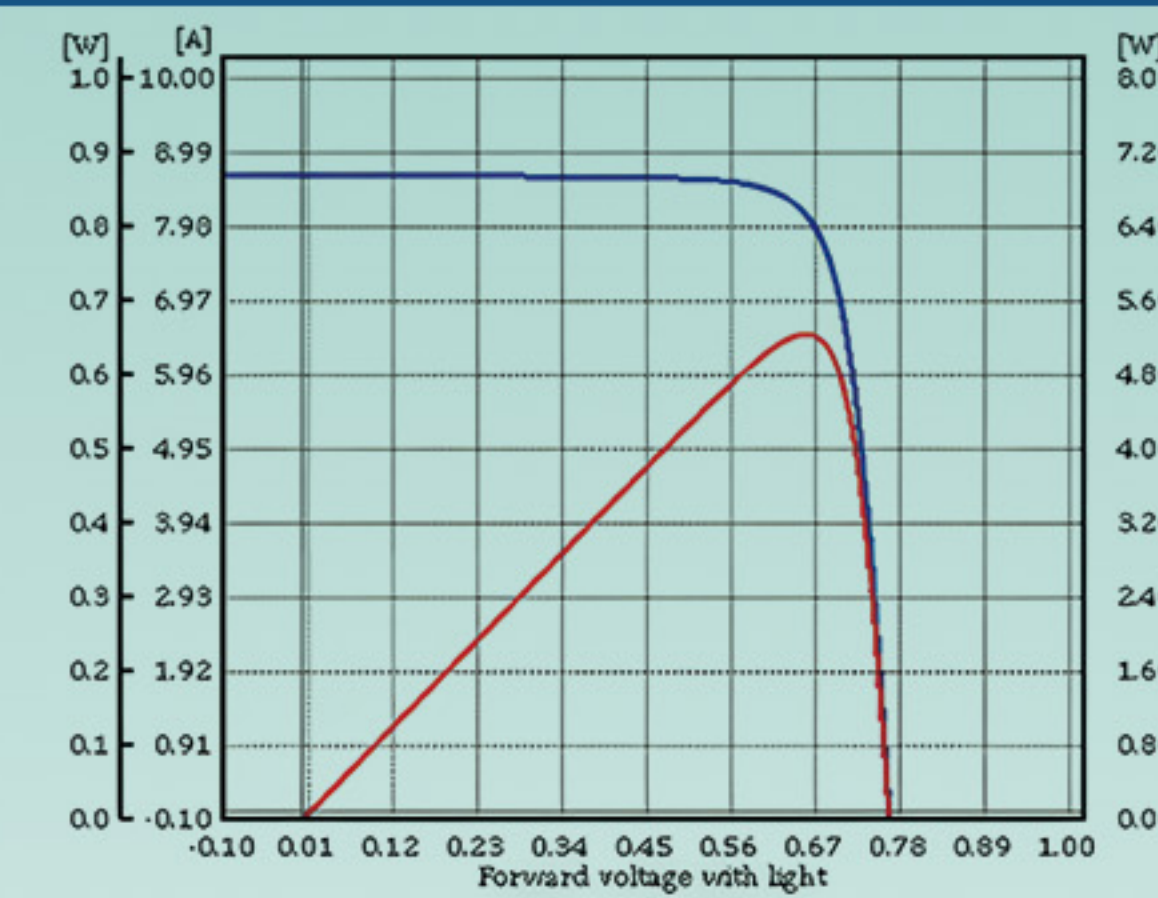
Cell Dimensions



Cell Front Side

Cell Rear Side

IV Dimensions



Spectral Response

Intensity(W/ m ²)	Uoc	Isc
1000	1.000	1.000
800	0.991	0.801
600	0.989	0.601
400	0.962	0.402

Product Features

Size Specification	210mmx210mm±0.25mm,φ247±0.25mm
Cell Thickness	130um±15um
Front Side	Employs a 12-busbar, two-piece structure. Pad point brightness ranges from 0.8 mm to 1.3 mm. Fine electrodes: 152 ± 10. Coated with silicon oxynitride.
Rear Side	Back electrode width: 165 ± 0.2 mm. 180 conductive wires. Coated with silicon nitride

Temperature Coefficient

Current Temperature Coefficient	+0.048%/K
Voltage Temperature Coefficient	-0.28%/K
Power Temperature Coefficient	-0.3496/K

Electrical Performance Characteristics

Efficiency (%)	Range Efficiency	Power Pmpp(W)	Maximum Power Current Impp(A)	Maximum Power Voltage Umpp(V)	Short Circuit Current Isc(A)	Open Circuit Voltage Uoc(V)
26.1	Above 26.1	Above 11.55	15.976	0.6238	16.204	0.726
26.0	26.0-26.1	11.51	15.940	0.6229	16.168	0.725
25.9	25.9-26.0	11.47	15.903	0.6219	16.133	0.724
25.8	25.8-25.9	11.42	15.867	0.6209	16.097	0.723
25.7	25.7-25.8	11.38	15.831	0.6199	16.062	0.722
25.6	25.6-25.7	11.33	15.795	0.6189	16.026	0.721
25.5	25.5-25.6	11.29	15.758	0.6179	15.990	0.720
25.4	25.4-25.5	11.25	15.765	0.6152	15.999	0.717
25.3	25.3-25.4	11.23	15.750	0.6134	15.985	0.715
25.2	25.2-25.3	11.18	15.691	0.6133	15.926	0.715
25.1	25.1-25.2	11.12	15.653	0.6123	15.890	0.714
25.0	25.0-25.1	11.07	15.637	0.6105	15.875	0.712
24.9	24.9-25.0	11.02	15.622	0.6086	15.861	0.710
24.8	24.8-24.9	10.98	15.627	0.6060	15.869	0.707
24.7	24.7-24.8	10.93	15.588	0.6051	15.832	0.706
24.6	24.6-24.7	10.89	15.552	0.6040	15.794	0.705

Under standard test conditions (STC): 1000W/m², AM1.5G, 25°C. Cell efficiency positive tolerances, specifications, and data are provided for reference only.

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