

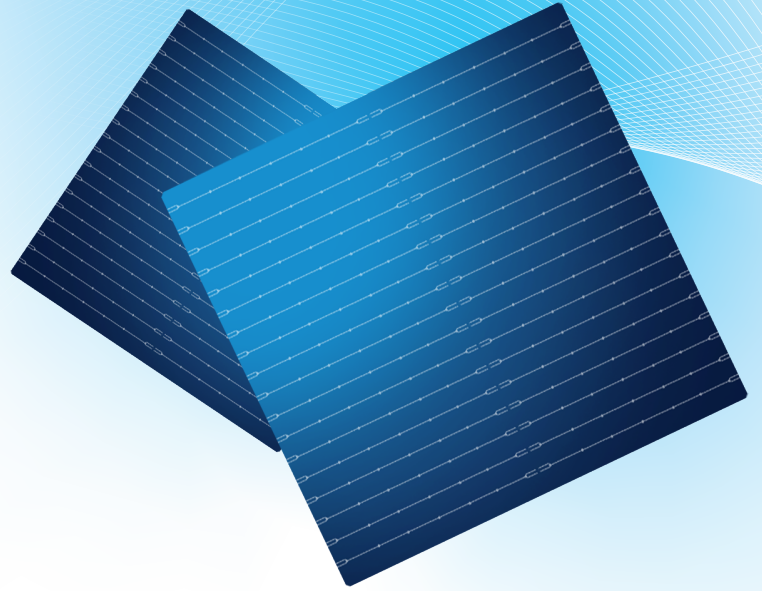


The Innovator of
N-type Solar Cell

N-type TOPCon

Mono-Crystalline Bifacial
Solar Cell

210-18BB



High Conversion Efficiency

Efficiency $\geq 26.5\%$, Bifaciality $> 80\%$



Lower Sealing Damage

Lower Cell to Module(CTM) Loss Rate
More Suitable for High-efficiency Module



Lower Power Temperature Coefficient

Power temperature coefficient
as low as $-0.30\%/K$



PID Resistance

Superior anti-PID performance



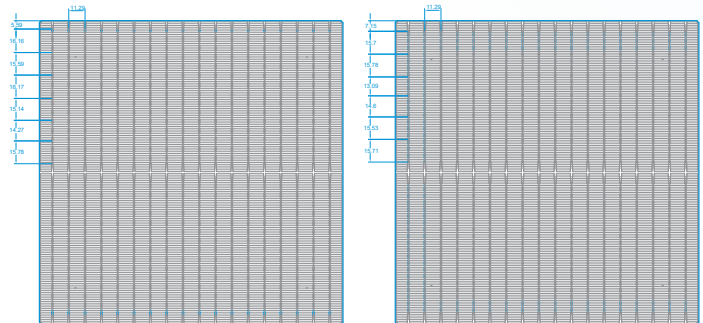
LID

Lower LID



Better Performance in Low Irradiance Environment

Product Appearance



FRONT

BACK

Mechanical Parameters

Dimension 210mmx210mm ± 0.5 mm, $\Phi 295.27$ mm ± 0.5 mm

Thickness 130 ± 13 μ m

Front 18 busbars, 14 pads, 168 fingers

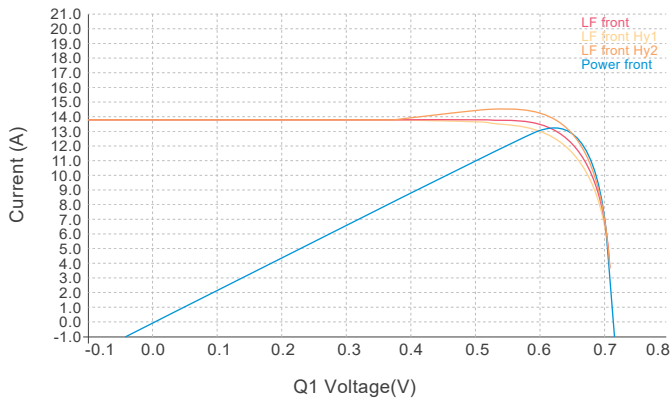
Rear 18 busbars, 14 pads, 174 fingers

TkCurrent +0.045%/K

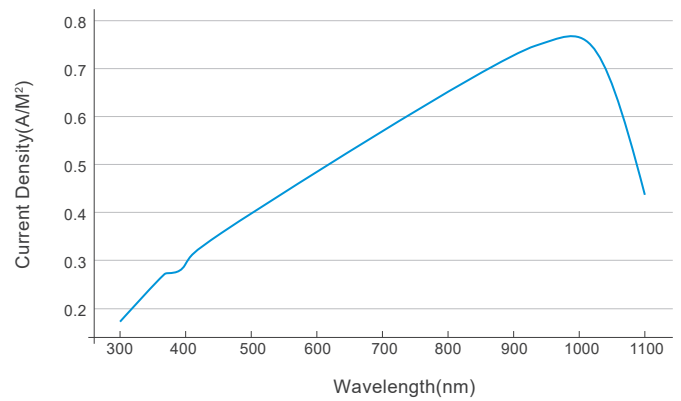
TkVoltage -0.25%/K

TkPower -0.30%/K

IV Curve



Light Intensity Reliability



Front Electrical Performance Distribution

Efficiency Eff(%)	Maximum output power Pmpp(W)	Maximum power voltage Vmpp(V)	Maximum power current Impp(A)	Open-circuit voltage Voc(V)	Short-circuit current Isc(A)
25.2	11.11	0.632	17.583	0.724	18.324
25.1	11.07	0.631	17.541	0.723	18.305
25.0	11.02	0.630	17.498	0.722	18.281
24.9	10.98	0.629	17.456	0.721	18.264
24.8	10.94	0.628	17.414	0.720	18.247
24.7	10.89	0.627	17.371	0.719	18.226
24.6	10.85	0.626	17.328	0.718	18.202
24.5	10.80	0.625	17.286	0.717	18.188
24.4	10.76	0.624	17.243	0.716	18.168
24.3	10.72	0.623	17.200	0.715	18.148
24.2	10.67	0.622	17.156	0.714	18.120
24.1	10.63	0.621	17.113	0.713	18.097
24.0	10.58	0.620	17.069	0.712	18.073
23.9	10.54	0.619	17.026	0.711	18.049
23.8	10.49	0.618	16.982	0.710	18.025
23.7	10.45	0.617	16.938	0.709	18.001
23.6	10.41	0.616	16.894	0.708	17.997
23.5	10.36	0.615	16.850	0.707	17.953
23.4	10.32	0.614	16.805	0.706	17.929
23.3	10.27	0.613	16.761	0.705	17.905
23.2	10.23	0.612	16.716	0.704	17.881
23.1	10.19	0.611	16.671	0.703	17.857
23.0	10.14	0.610	16.626	0.702	17.833

STC*(Standard test conditions): 1000W/m², AM 1.5G, 25°C

The above technical parameters are subject to technical changes and tests, and Shijing Solar Power reserves the right of final interpretation.

Anhui Shijing Solar Power Technology Co., Ltd.
Kingsheng Road, Ningguo City, Anhui Province, 242000, China



www.sjefsolar.com
marketing@sjefsolar.com



Official Website



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