

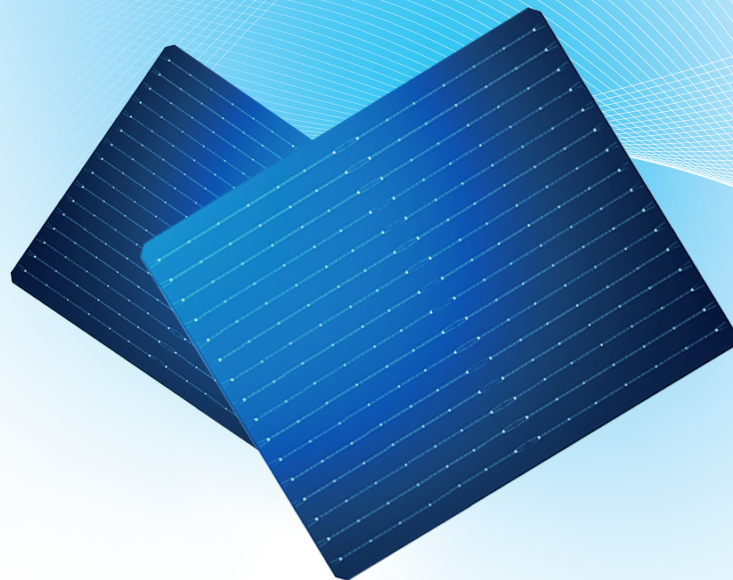


The Innovator of  
**N-type** Solar Cell

# N-type TOPCon

Mono-Crystalline Bifacial  
Solar Cell

# 210R-16BB



## 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



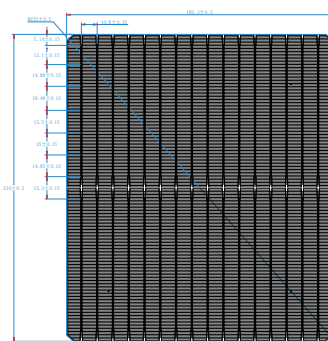
## LID

Lower LID

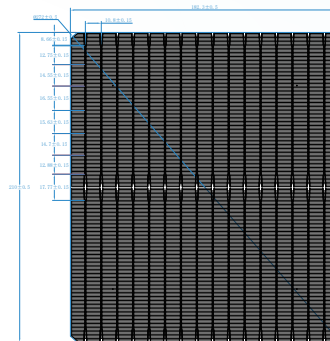


## Better Performance in Low Irradiance Environment

## Product Appearance



FRONT



BACK

## Mechanical Parameters

**Dimension** 182.3mmx210mm $\pm 0.5$ mm,  $\Phi 272$ mm $\pm 0.5$ mm

**Thickness** 130 $\pm 13$  $\mu$ m

**Front** 16 busbars, 14 pads, 210 fingers

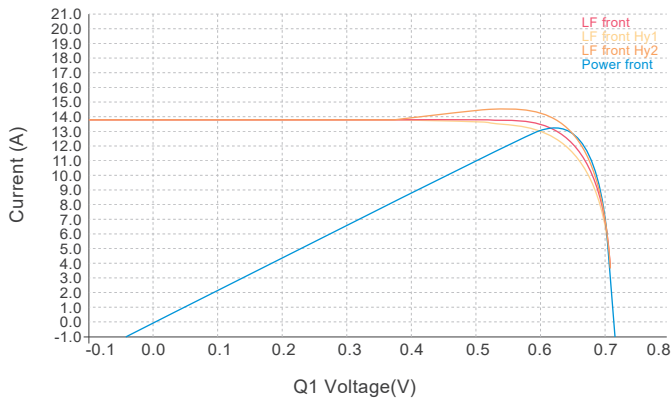
**Rear** 16 busbars, 14 pads, 228 fingers

**TkCurrent** +0.045%/K

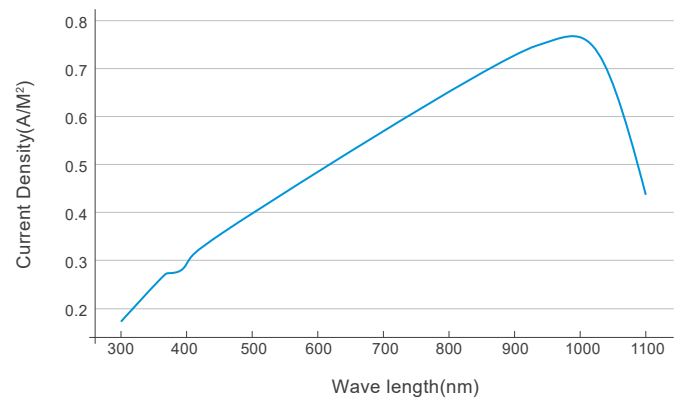
**TkVoltage** -0.25%/K

**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)
25.3	9.68	0.629	15.383	0.722	15.984
25.2	9.64	0.628	15.347	0.721	15.973
25.1	9.60	0.626	15.335	0.720	15.961
25.0	9.56	0.625	15.298	0.719	15.953
24.9	9.52	0.623	15.286	0.718	15.946
24.8	9.48	0.621	15.273	0.717	15.940
24.7	9.45	0.619	15.261	0.716	15.936
24.6	9.41	0.617	15.249	0.715	15.932
24.5	9.37	0.615	15.236	0.714	15.923
24.4	9.33	0.613	15.223	0.713	15.919
24.3	9.29	0.611	15.210	0.712	15.916
24.2	9.26	0.609	15.198	0.710	15.908
24.1	9.22	0.607	15.185	0.709	15.904
24.0	9.18	0.604	15.197	0.708	15.897
23.9	9.14	0.602	15.184	0.706	15.895

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



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