

ZL-N210R16B-L25-T4

Jolywood 182x210-16BB Single-crystal Bifacial n-TOPCon Cell



Features

- High conversion efficiency and reliability
- Without light induced degradation
- Uniform electrical performance and stable process
- Dual-sided power generation
- Low mismatch of electrical performance during module packaging
- Excellent power generation under weak light
- Weaker hotspot effect

Quality Control

- Strict incoming material, delivery and package inspection
- Accuracy of efficiency test is controlled within $\pm 0.1\%$
- 100% Full inspection of reverse leakage and cell appearance
- Calibration piece traced to Fraunhofer

ZL-N210R16B-L25-T4 | Jolywood 182x210-16BB Single-crystal Bifacial n-TOPCon Cell

Performance

Size	182.0mmx210.0mm±0.25mm, Φ272.0mm±0.25mm;
Cell thickness	135μm±13.5μm
Front (+)	0.036mm wide bus bars,Silicon nitride anti-reflection coating
Rear (-)	0.03mm wide bus bars,Silicon nitride coating
Number of finger	Front 210, Rear 228

Temperature Coefficient

Current temperature coefficient	TKcurrent: +0.046%/°C
Voltage temperature coefficient	TKvoltage: -0.26%/°C
Power temperature coefficient	TKpower: -0.30%/°C

Electrical Performance

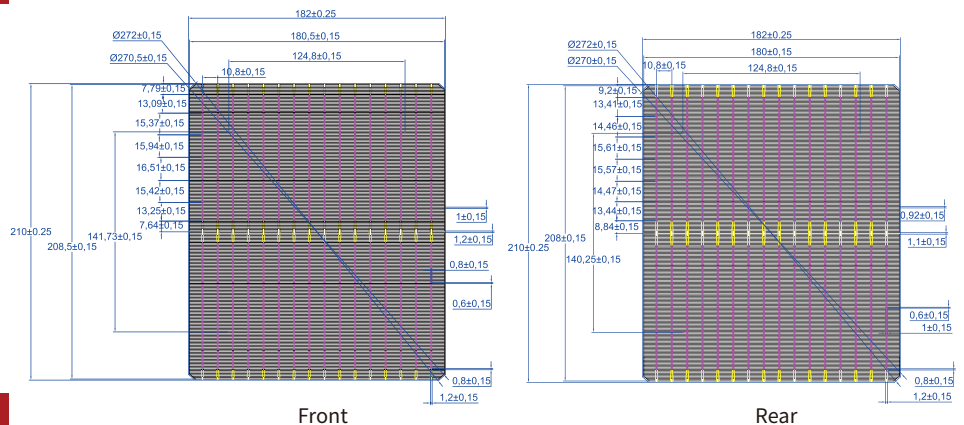
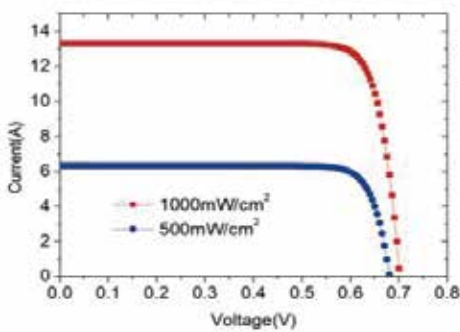
Eff(%)	Pmpp(W)	Vmpp(V)	Imp(A)	Uoc(V)	Isc(A)	FF(%)
25.5	9.74	0.616	15.805	0.725	16.068	83.625
25.4	9.70	0.614	15.791	0.724	16.034	83.521
25.3	9.66	0.614	15.741	0.724	16.011	83.416
25.2	9.62	0.612	15.720	0.723	15.981	83.312
25.1	9.58	0.611	15.680	0.722	15.951	83.207
25.0	9.55	0.610	15.660	0.721	15.934	83.103
24.9	9.51	0.609	15.621	0.720	15.899	83.028
24.8	9.47	0.607	15.600	0.720	15.864	82.953
24.7	9.43	0.606	15.560	0.719	15.835	82.879
24.6	9.39	0.605	15.527	0.718	15.799	82.808
24.5	9.36	0.604	15.503	0.717	15.770	82.729
24.4	9.32	0.602	15.480	0.716	15.736	82.655
24.3	9.28	0.601	15.440	0.716	15.708	82.580
24.2	9.24	0.600	15.407	0.715	15.671	82.505
24.1	9.20	0.599	15.367	0.714	15.639	82.431

• Under standard test condition: 1000W/m², AM 1.5G, 25°C

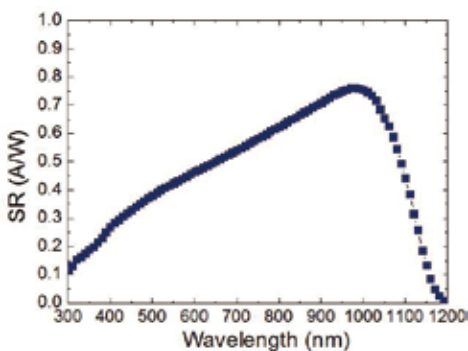
• Illustration: 24.3% → actual range 24.3%~24.4%

• Specifications and data are for reference only, and they are subject to change with prior notice

IV Curve >



Spectral Response >



Dimension Diagram (mm)

*Statement: The technical parameters in this technical parameter document may be slightly different and Jolywood does not guarantee its complete accuracy. Jolywood may change the information of this document at any time without prior notice due to continuous technical innovation and product optimization. Customers shall contact us for the latest technical parameter document when to sign the contract and they shall form an integral part of thereof.



Jolywood (Shanxi) Solar Technology Co.,Ltd.

Address: No. 1, Huanghe Avenue, Xiaohu Industrial Park, Xiaodian District, Taiyuan, Shanxi Province

Tel: +86 0351 2359752



Jolywood



Jolywood (Shanxi)