

ZL-N182.216B-L16-T4

Jolywood 182.2x182.2-16BB 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

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Performance

Size	182.2mmx182.2mm±0.25mm, Φ247mm±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 180, Rear 260

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

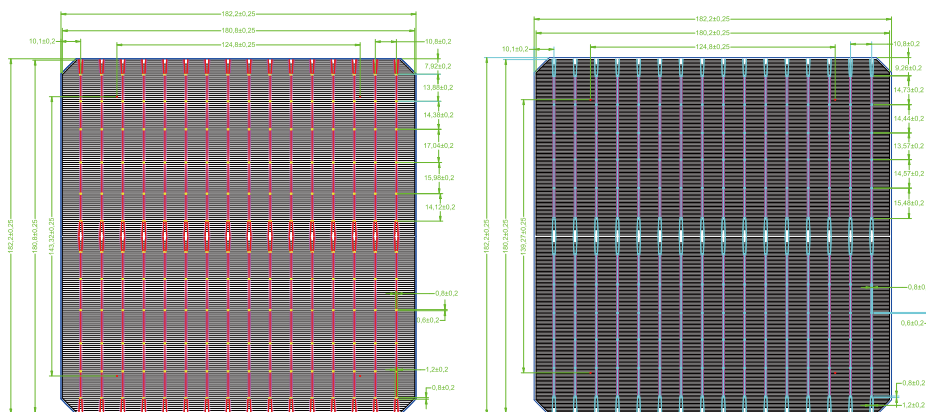
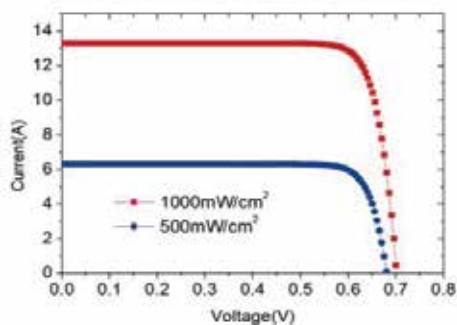
Eff(%)	Pmpp(W)	Vmpp(V)	Impp(A)	Uoc(V)	Isc(A)	FF(%)
25.5	8.42	0.631	13.369	0.727	13.761	84.32
25.4	8.39	0.631	13.316	0.726	13.732	84.27
25.3	8.35	0.629	13.306	0.726	13.711	84.16
25.2	8.32	0.628	13.275	0.725	13.681	84.09
25.1	8.29	0.627	13.243	0.724	13.654	84.01
25.0	8.25	0.624	13.254	0.723	13.634	83.93
24.9	8.22	0.623	13.222	0.722	13.612	83.81
24.8	8.19	0.622	13.190	0.722	13.585	83.71
24.7	8.15	0.620	13.179	0.721	13.561	83.64
24.6	8.12	0.620	13.126	0.720	13.543	83.51
24.5	8.09	0.618	13.115	0.719	13.519	83.41
24.4	8.06	0.617	13.082	0.718	13.495	83.30
24.3	8.02	0.617	13.029	0.718	13.465	83.23
24.2	7.99	0.616	12.996	0.717	13.437	83.15
24.1	7.96	0.615	12.957	0.716	13.415	83.02

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

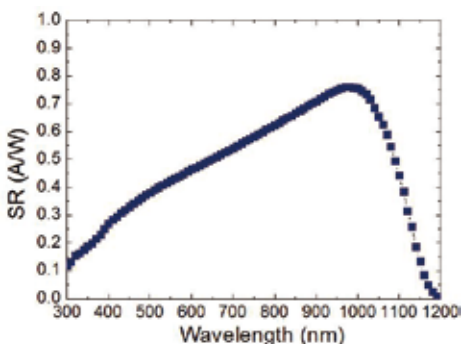
• Illustration:24.1%→ actual range 24.1%~24.2%

• 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.



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