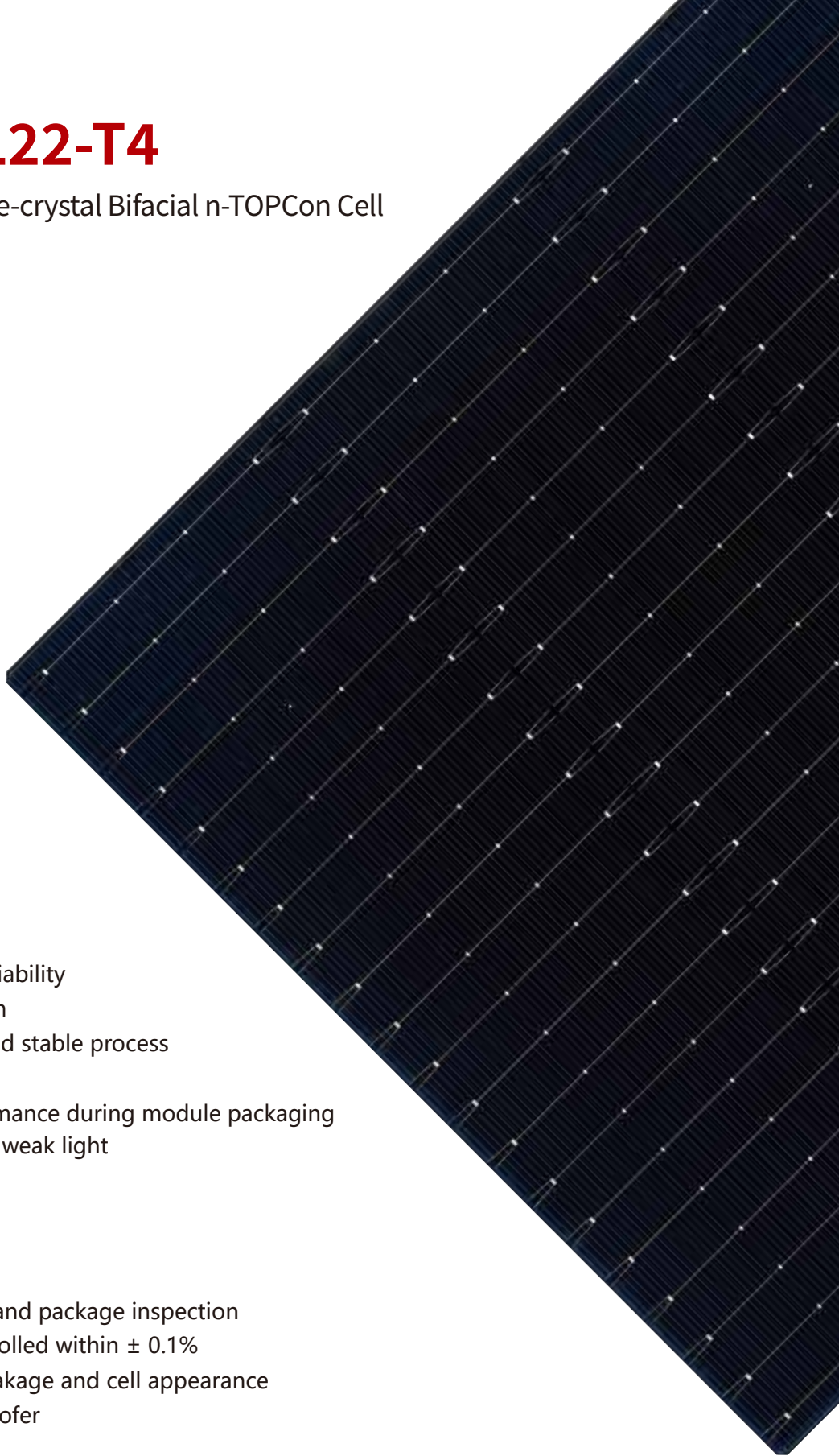


ZL-NG1220B-L22-T4

Jolywood 210x210-20BB 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-NG1220B-L22-T4 | Jolywood 210x210-20BB Single-crystal Bifacial n-TOPCon Cell

Performance

Size	210mmx210mm±0.25mm, Φ295mm±0.25mm;
Cell thickness	130μm±13μm
Front (+)	0.03mm wide bus bars,Silicon nitride anti-reflection coating
Rear (-)	0.03mm wide bus bars,Silicon nitride coating
Number of finger	Front 168, Rear 150

Temperature Coefficient

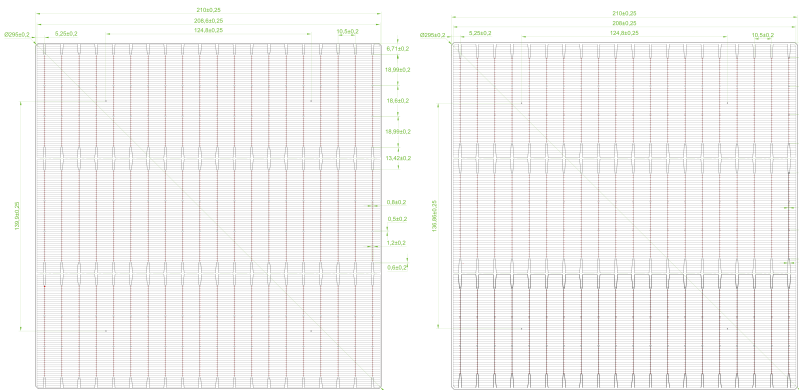
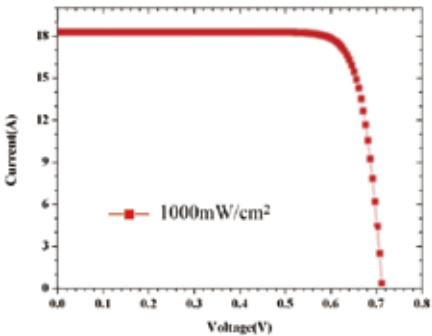
Current temperature coefficient	TKcurrent: +0.046%/°C
Voltage temperature coefficient	TKvoltage: -0.26%/°C
Power temperature coefficient	TKpower: -0.30%/°C

Electrical Performance

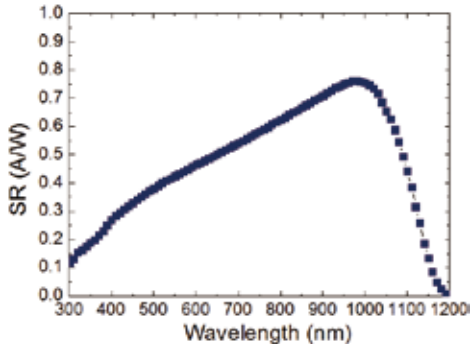
Eff(%)	Pmpp(W)	Vmpp(V)	Ipp(A)	Uoc(V)	Isc(A)	FF(%)
25.3	11.16	0.616	18.133	0.726	18.885	81.42
25.2	11.11	0.615	18.073	0.725	18.875	81.24
25.1	11.07	0.615	18.013	0.724	18.865	81.07
25.0	11.02	0.614	17.952	0.723	18.855	80.89
24.9	10.98	0.614	17.892	0.723	18.845	80.72
24.8	10.94	0.613	17.831	0.722	18.835	80.54
24.7	10.89	0.613	17.771	0.721	18.825	80.37
24.6	10.85	0.612	17.711	0.720	18.805	80.14
24.5	10.80	0.612	17.650	0.719	18.801	79.95
24.4	10.76	0.612	17.590	0.718	18.785	79.74
24.3	10.72	0.611	17.529	0.718	18.785	79.57
24.2	10.67	0.611	17.469	0.717	18.775	79.39
24.1	10.63	0.610	17.409	0.716	18.755	79.22

• 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.



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