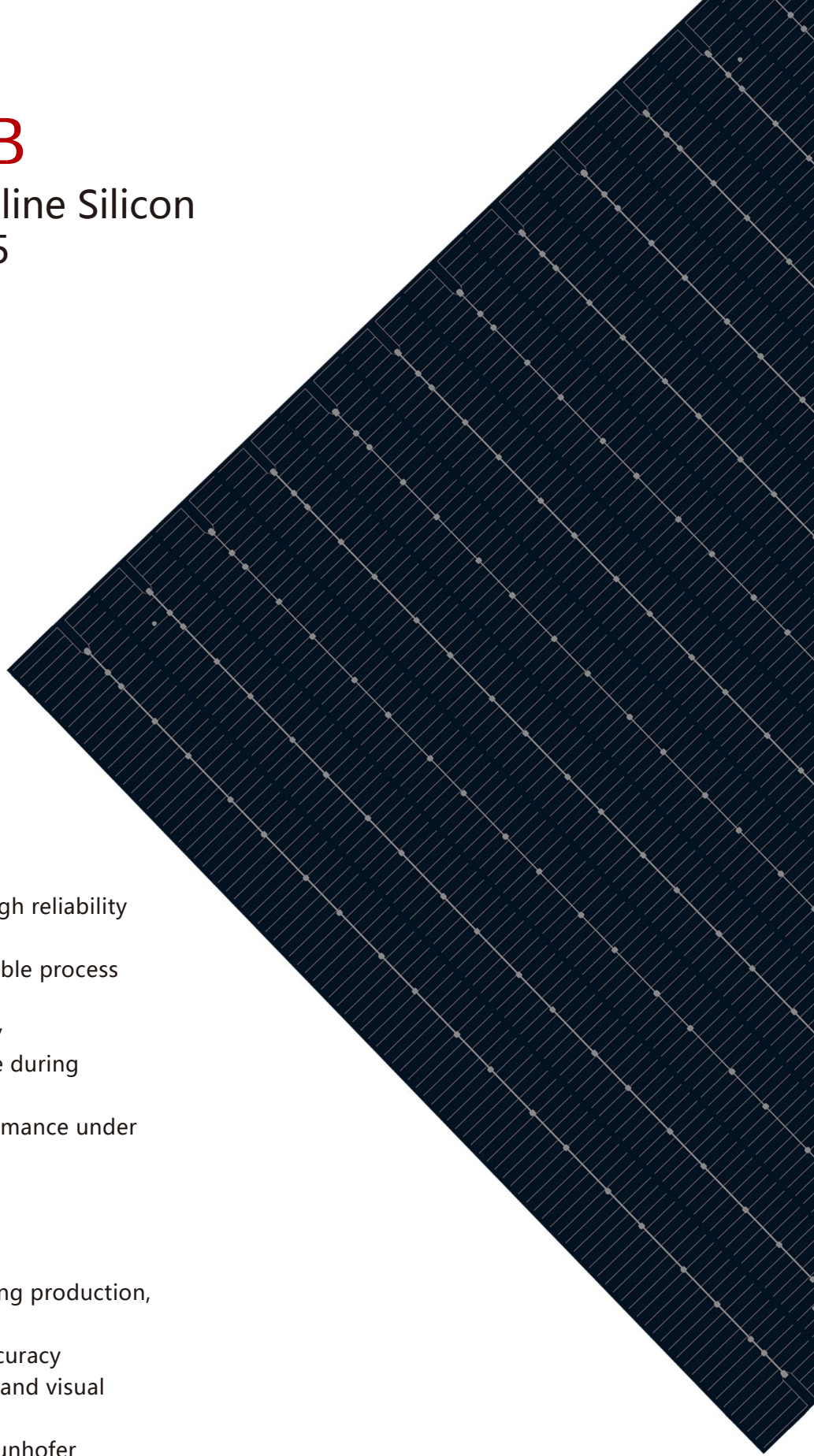


ZL-NG1-12B

N-type Mono-crystalline Silicon
Solar Cell NG112B-L5



Product Characteristics

- High conversion efficiency with high reliability
- No light-induced degradation
- Uniform cell performance with stable process control
- Both sides can generate electricity
- Low mismatch of cell performance during encapsulation
- Excellent power generation performance under low irradiation
- Low hot spot effect

Quality Control

- Proper inspection through incoming production, outgoing and packaging
Efficiency tested within $\pm 0.1\%$ accuracy
- 100% checked for reverse current and visual appearance
- Reference cell calibrated from Fraunhofer



Jolywood (Taizhou) Solar Technology Co., Ltd. , a subsidiary under Jolywood Group (stock code: SZ300393), is the world leading n-type bifacial solar cells and modules manufacture. The technology of company NTOPCon, NIBC, TBC, etc, and the annual n-type bifacial production capacity reaches 2.1GW cells and 3GW modules. With vision of "Cultivator of Green Energy", Jolywood adheres to the road of advanced and high efficiency solar technology industrialization.

ZL-NG1-12B | N-type Mono-crystalline Silicon Solar Cell NG112B-L5

Product Features >

Dimension	158.75mmx158.75mm±0.25mm , Φ223mm±0.25mm ;
Cell Thickness	170μm±20μm
Front side	0.1mm wide bus bars, Silicon nitride anti-reflection coating
Back side	0.1mm wide bus bars, Silicon nitride coating

Temperature Coefficients >

Current Temperature Coefficient	TKcurrent: +0.046%/K
Voltage Temperature Coefficient	TKvoltage: -0.26%/K
Power Temperature Coefficient	TKpower: -0.32%/K

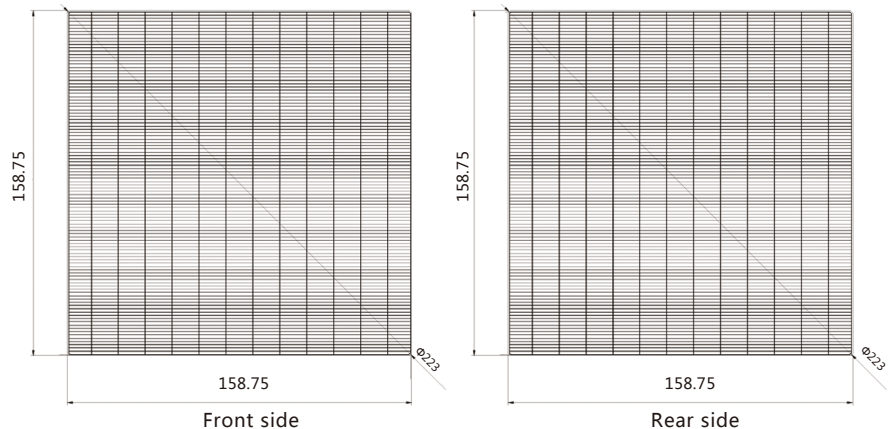
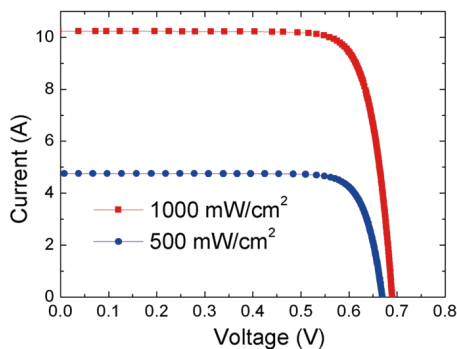
Electric Performance >

Eff(%)	Pmpp(W)	Umpp(V)	Impp(A)	Uoc(V)	Isc(A)	FF(%)
24.4	6.15	0.6223	9.880	0.7135	10.426	82.65
24.3	6.12	0.6209	9.862	0.7119	10.413	82.60
24.2	6.10	0.6194	9.845	0.7106	10.402	82.50
24.1	6.07	0.6179	9.828	0.7093	10.388	82.42
24.0	6.05	0.6166	9.808	0.7081	10.376	82.31
23.9	6.02	0.6154	9.786	0.7069	10.358	82.25
23.8	6.00	0.6139	9.769	0.7056	10.344	82.17
23.7	5.97	0.6126	9.749	0.7044	10.327	82.10
23.6	5.95	0.6106	9.740	0.7032	10.311	82.02
23.5	5.92	0.6092	9.721	0.7021	10.299	81.89
23.4	5.90	0.6080	9.698	0.7011	10.284	81.78
23.3	5.87	0.6060	9.689	0.6999	10.269	81.69
23.2	5.85	0.6044	9.673	0.6982	10.251	81.68
23.1	5.82	0.6023	9.665	0.6971	10.243	81.52
23.0	5.80	0.6006	9.650	0.6956	10.229	81.46

*Under standard test condition: Irradiance=1000W/ m²; Ambient Temperature=25°C, AM=1.5
Specifications and data are for reference only. If there is any change, notice will be given separately

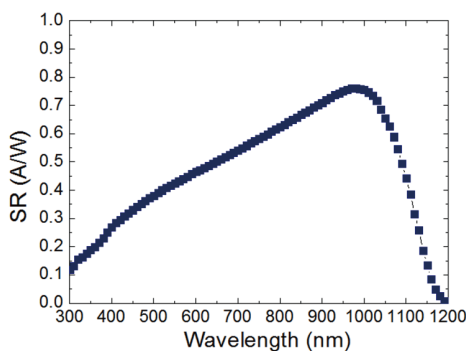
Illustration:23.0% → Actual Range : 23.0%~23.1%

IV Curve >



Dimensions (mm)

Spectral Response (SR) >



*The specification and key features described in this datasheet may deviate slightly and are not guaranteed. Due to ongoing innovation, R&D enhancement, Jolywood (Taizhou) Solar Technology Co., Ltd. Reserves the right to make any adjustment to the information described herein at any time without notice. Please always obtain the most recent version of the datasheet which shall be duly incorporated into the binding contract made by the parties governing all transactions related to the purchase and sale of the products described herein.

www.jolywood.cn



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