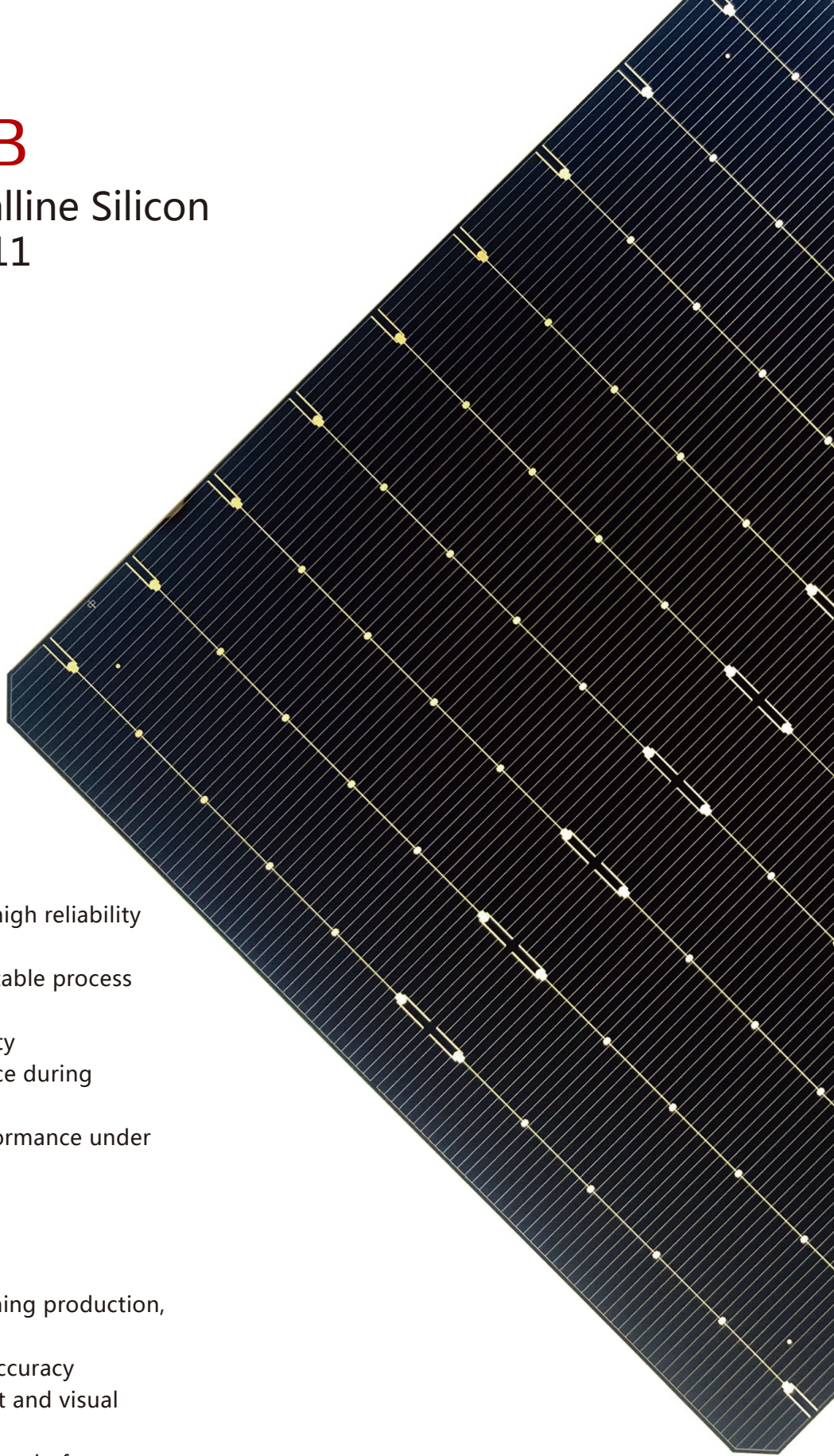


ZL-NM6-9B

N-type Mono-crystalline Silicon Solar Cell NM69B-L11



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-NM6-9B | N-type Mono-crystalline Silicon Solar Cell NM69B-L11

Product Features >

Dimension	166mmx166mm±0.25mm , Φ223mm±0.25mm ;
Cell Thickness	170μm±20μm
Front side	0.08mm wide bus bars, Silicon nitride anti-reflection coating
Back side	0.08mm 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

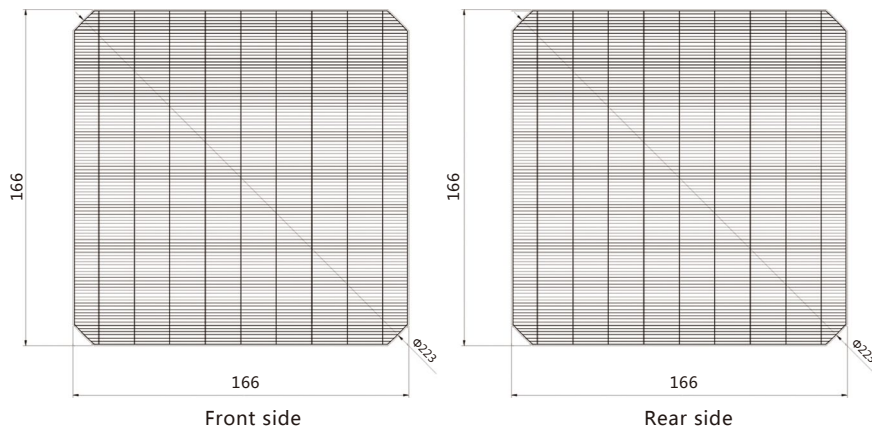
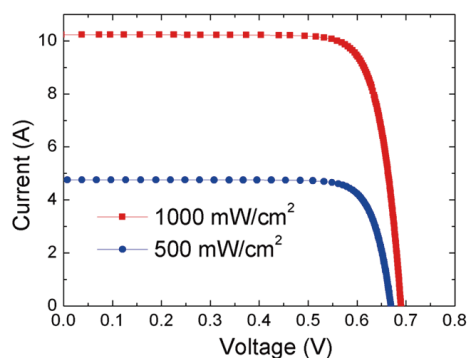
Electric Performance >

Eff(%)	Pmpp(W)	Umpp(V)	Impp(A)	Uoc(V)	Isc(A)	FF(%)
24.4	6.69	0.6223	10.749	0.7135	11.267	83.21
24.3	6.66	0.6209	10.729	0.7119	11.251	83.17
24.2	6.63	0.6194	10.711	0.7106	11.232	83.12
24.1	6.61	0.6179	10.693	0.7093	11.223	83.00
24.0	6.58	0.6166	10.671	0.7081	11.201	82.96
23.9	6.55	0.6154	10.647	0.7069	11.188	82.85
23.8	6.52	0.6139	10.628	0.7056	11.164	82.83
23.7	6.50	0.6126	10.606	0.7044	11.143	82.78
23.6	6.47	0.6106	10.596	0.7032	11.124	82.71
23.5	6.44	0.6092	10.575	0.7021	11.102	82.65
23.4	6.42	0.6080	10.551	0.7011	11.079	82.59
23.3	6.39	0.6060	10.541	0.6999	11.061	82.51
23.2	6.36	0.6044	10.523	0.6982	11.048	82.45
23.1	6.33	0.6023	10.514	0.6971	11.027	82.38
23.0	6.31	0.6006	10.499	0.6956	11.009	82.34

*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

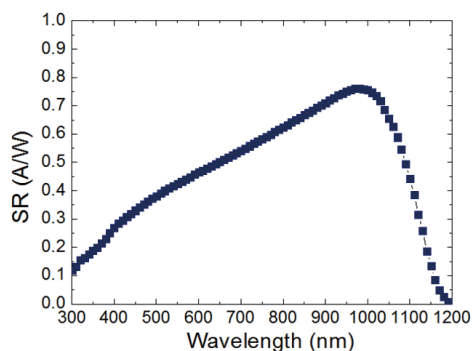
Illustration:23.0% → Actual Range : 23.0%~23.1%

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.



JOLYWOOD (TAIZHOU) SOLAR TECHNOLOGY CO.,LTD.
Add : No.6 Kaiyang Rd., Jiangyan Economic Development Zone,
 Taizhou, Jiangsu Province, China, 225500
TEL : +86 523 80612799 **mkt@jolywood.cn**

Version 2020.08 ©Jolywood (Taizhou) Solar Technology Co., Ltd. All rights reserved

www.jolywood.cn

