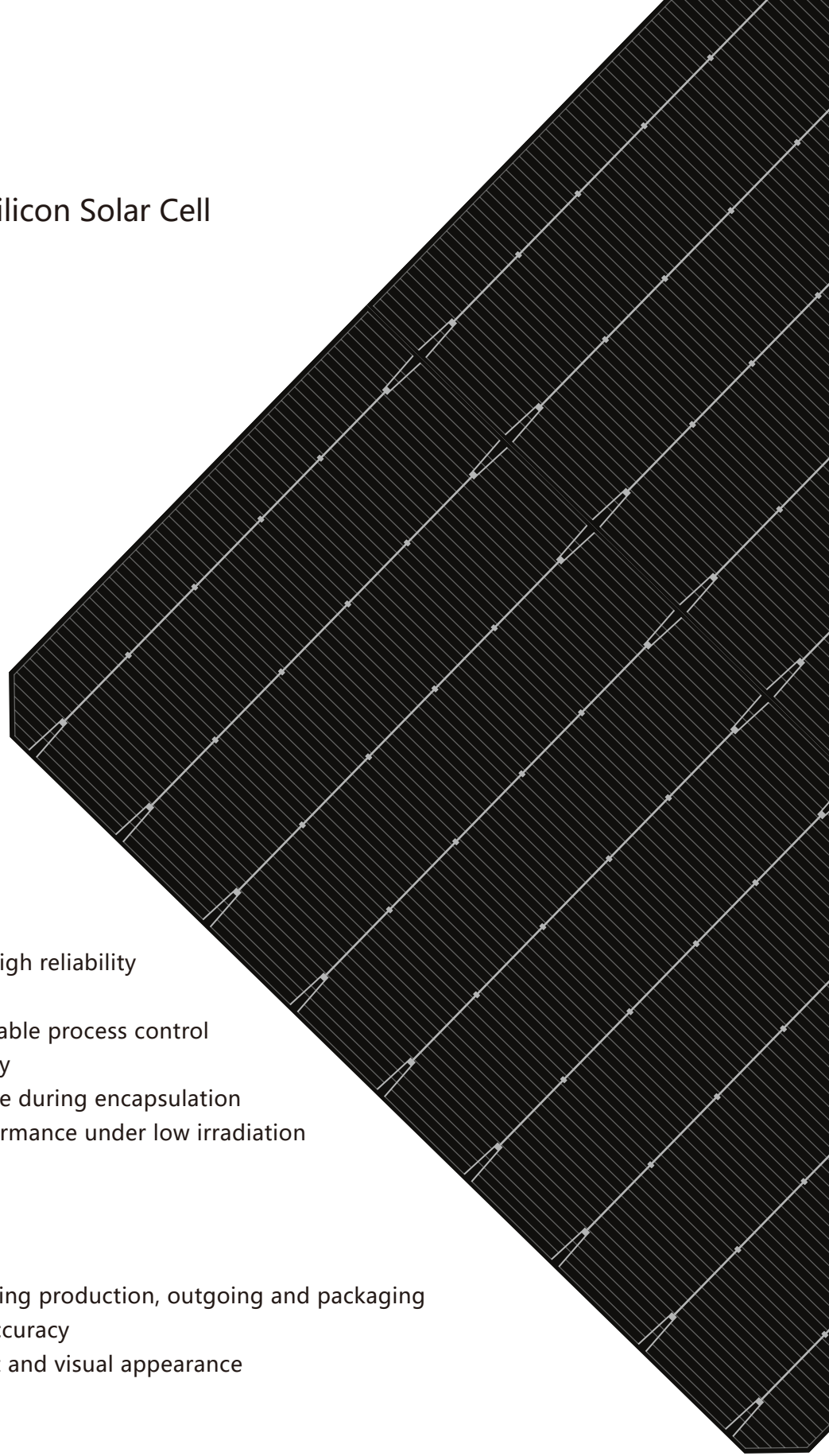


ZL-NM6-9B

N-type Mono-crystalline Silicon Solar Cell



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

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

Product Features	
Dimension	166mmx166mm±0.25mm, Φ223mm±0.25mm
Cell Thickness	155μm±20μm
Front side (+)	0.05mm wide bus bars,Silicon nitride anti-reflection coating
Back side (-)	0.05mm wide bus bars,Silicon nitride coating

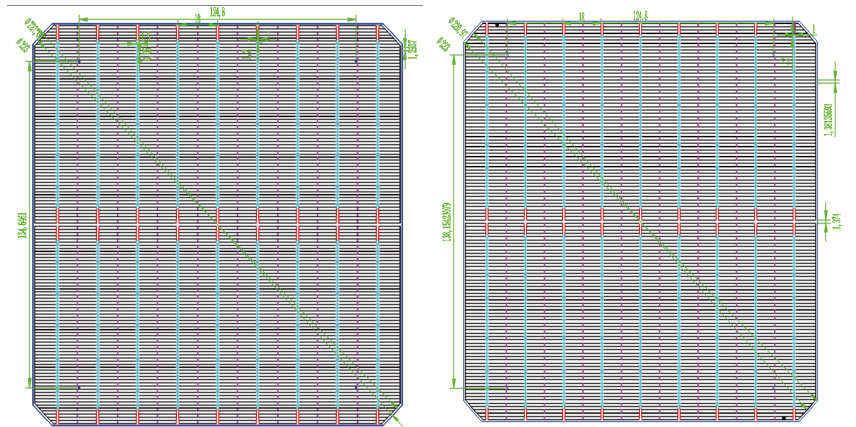
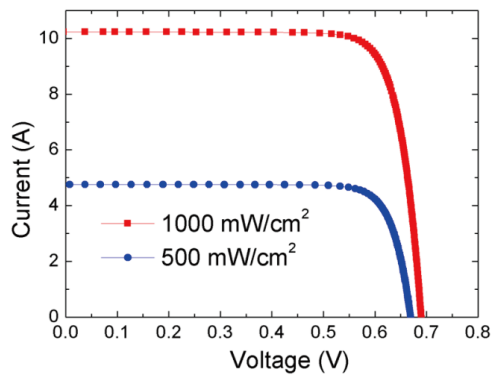
Temperature Coefficients	
Current Temperature Coefficient	TKcurrent: +0.046%/°C
Voltage Temperature Coefficient	TKvoltage: -0.26%/°C
Voltage Temperature Coefficient	TKpower: -0.30%/°C

Electric Performance

Eff(%)	Pmpp(W)	Ump(V)	Imp(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

*Under standard test condition: Irradiance=1000W/ m², Ambient Temperature=25°C, AM=1.5 Illustration:23.1% → Actual Range: 23.4%~23.5%
 Specifications and data are for reference only. If there is any change, notice will be given separately

IV Curve >

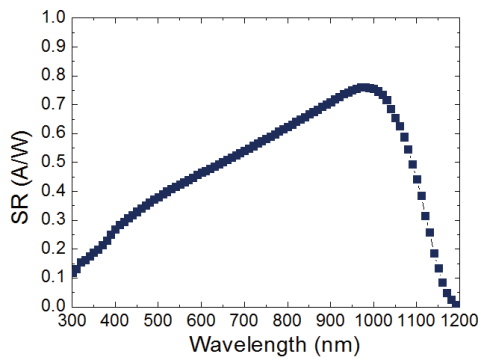


Front side

Rear side

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.