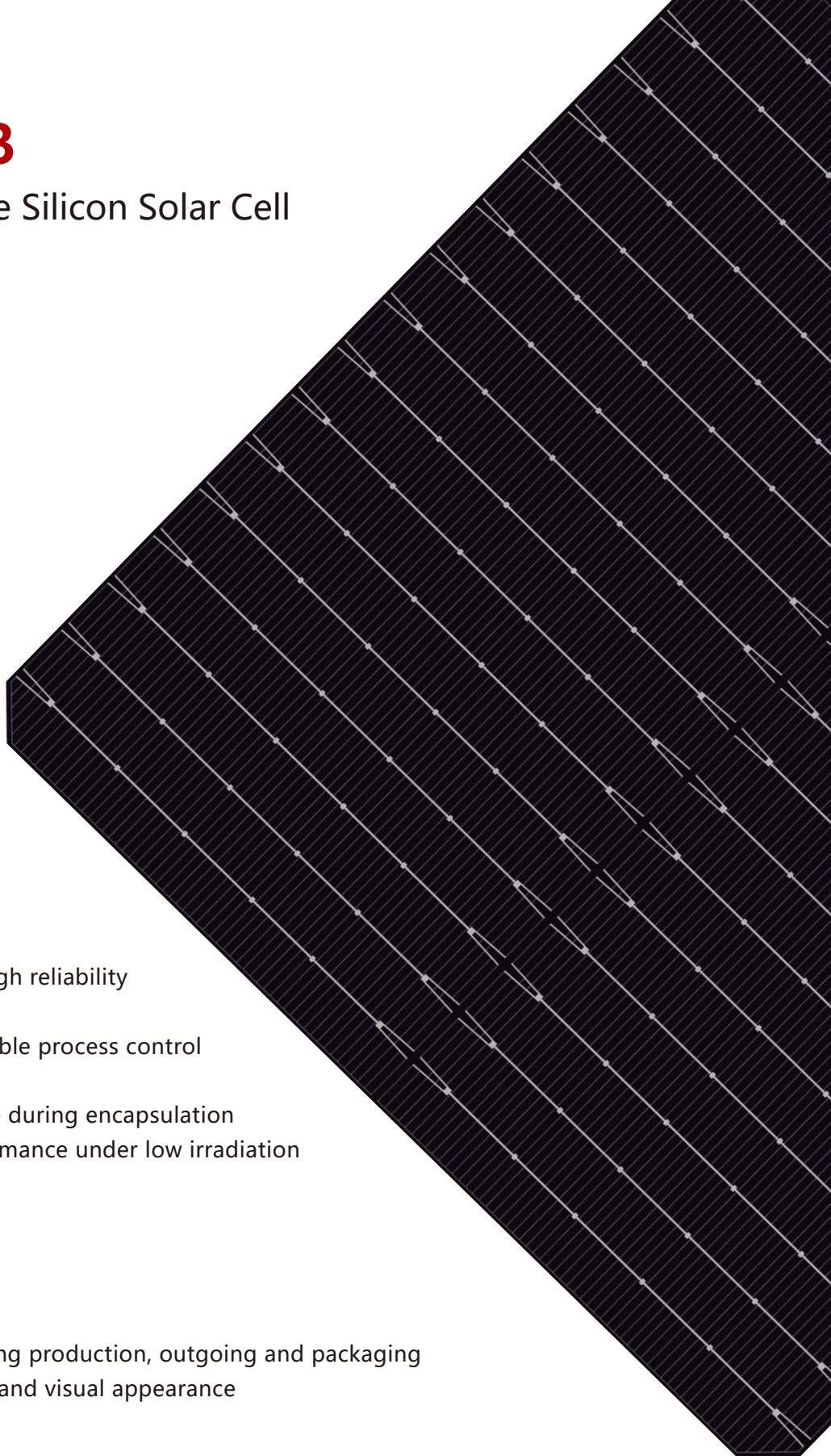


ZL-NM10-16B

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
- 100% checked for reverse current and visual appearance

ZL-NM10-16B | N-type Mono-crystalline Silicon Solar Cell

Product Features

Dimension	182mmx182mm±0.25mm, Φ247mm±0.25mm
Cell Thickness	140μm±20μm
Front side (+)	0.035mm wide bus bars,Silicon nitride anti-reflection coating
Back side (-)	0.035mm wide bus bars,Silicon nitride coating

Temperature Coefficients

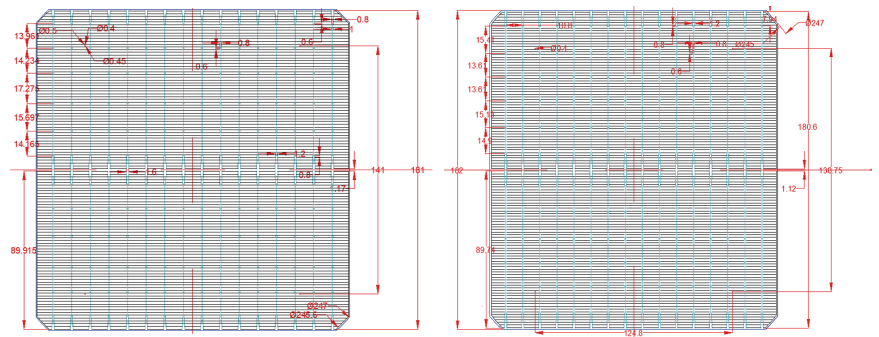
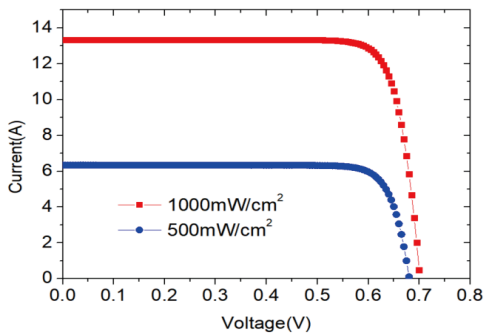
Current Temperature Coefficient	TKcurrent: +0.046%/°C
Voltage Temperature Coefficient	TKvoltage: -0.26%/°C
Power Temperature Coefficient	TKpower: -0.30%/°C

Electric Performance

Eff(%)	Pmpp(W)	Ump(V)	Imp(A)	Uoc(V)	Isc(A)	FF(%)
25.3	8.3525	0.6325	13.2055	0.7251	13.8775	83.01
25.2	8.3198	0.6282	13.2448	0.7240	13.8656	82.88
25.1	8.2868	0.6273	13.2109	0.7228	13.8561	82.75
25.0	8.2537	0.6275	13.1535	0.7228	13.8418	82.50
24.9	8.2208	0.6255	13.1417	0.7203	13.8367	82.48
24.8	8.1878	0.6208	13.1898	0.7158	13.8301	82.71
24.7	8.1547	0.6195	13.1631	0.7149	13.8271	82.49
24.6	8.1214	0.6169	13.1639	0.7117	13.8140	82.60
24.5	8.0890	0.6168	13.1149	0.7171	13.8230	81.60
24.4	8.0561	0.6134	13.1336	0.7166	13.8307	81.28
24.3	8.0227	0.6146	13.0546	0.7158	13.7915	81.27

*Under standard test condition: Irradiance=1000W/ m², Ambient Temperature=25°C, AM=1.5 Illustration:23.1% → Actual Range: 24.3%~24.4%
 Specifications and data are for reference only. If there is any change, notice will be given separately

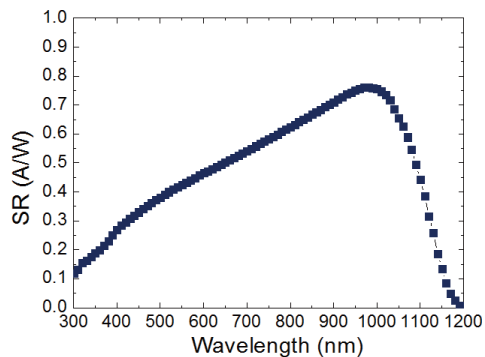
IV Curve >



Front side

Rear side

Spectral Response (SR) >



Dimensions (mm)

*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.

