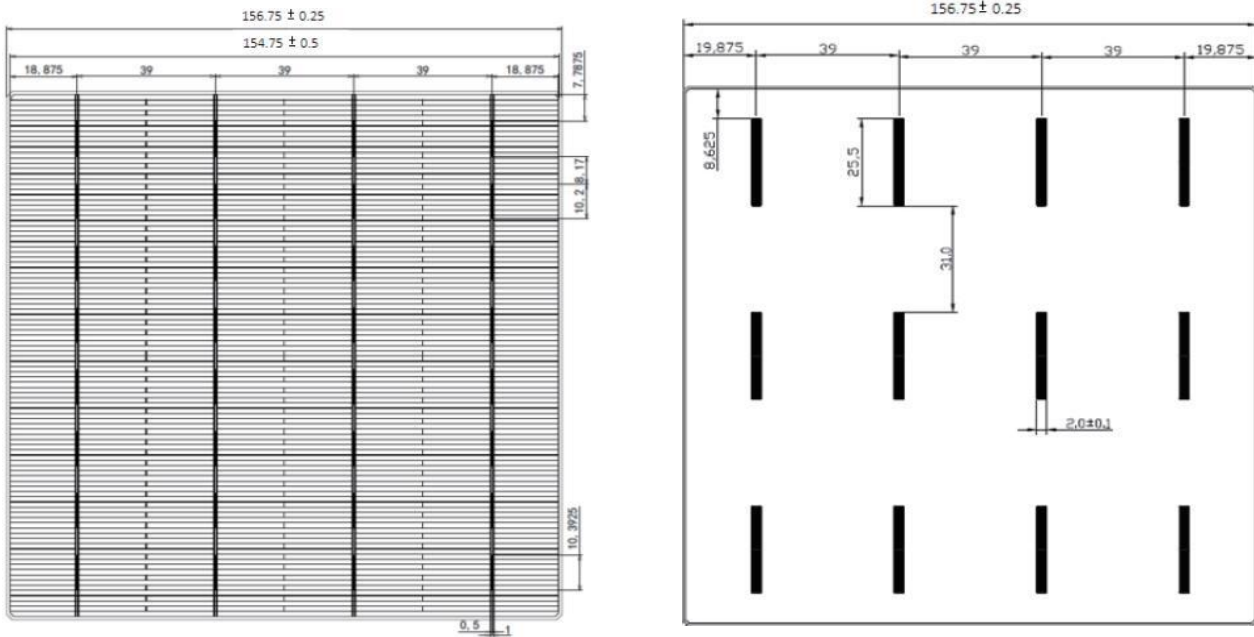


# LWP4BB-157

## Poly-crystalline Silicon Solar Cell



### Product Features >

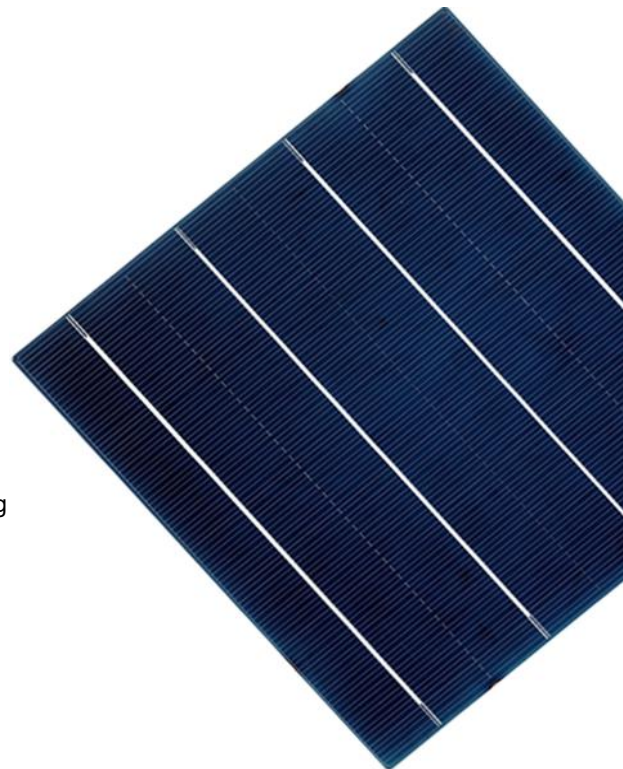
<b>Dimension:</b>	156.75mmx156.75mm±0.25mm, Φ220.0mm±0.5mm
<b>Thickness:</b>	200μm±20μm
<b>Front side:</b>	1.0mm wide bus bars,Silicon nitride anti-reflection coating
<b>Back side:</b>	2.0mm wide bus bars,Silicon nitride coating

### Product Characteristics

- High conversion efficiency with high reliability
- No light-induced degradation
- Uniform cell performance with stable process control
- Low breakage rate by using high qualified and stable wafers
- Low mismatch of cell performance during encapsulation
- Excellent power generation performance under low irradiation

### Quality Control

- Proper inspection through incoming production, outgoing and packaging
- Efficiency tested within ± 0.1% accuracy
- 100% checked for reverse current and visual appearance
- Reference cell calibrated from Fraunhofer
- ISO 9001,ISO 14001 and CE,CQC certificated



### Electric Performance >

Eff(%)	Pmpp(W)	Umpp(V)	Imp(A)	Uoc(V)	Isc(A)
19.00%	4.67	0.545	8.508	0.646	8.990
18.90%	4.64	0.544	8.479	0.644	8.972
18.80%	4.62	0.543	8.474	0.642	8.969
18.70%	4.60	0.542	8.471	0.641	8.959
18.60%	4.57	0.541	8.437	0.640	8.936
18.50%	4.55	0.540	8.432	0.639	8.910
18.40%	4.52	0.538	8.410	0.637	8.898
18.30%	4.50	0.538	8.370	0.636	8.876
18.20%	4.47	0.537	8.349	0.635	8.848
18.10%	4.45	0.536	8.309	0.634	8.818
18.00%	4.42	0.535	8.302	0.633	8.796

●Under standard test condition: 1000W/ m<sup>2</sup>, AM 1.5G, 25°C

●Average accuracy of all tests is +/-1.5% rel

### Temperature Coefficients >

Current Temperature Coefficient

Tk<sub>Current</sub>: +0.05%/K

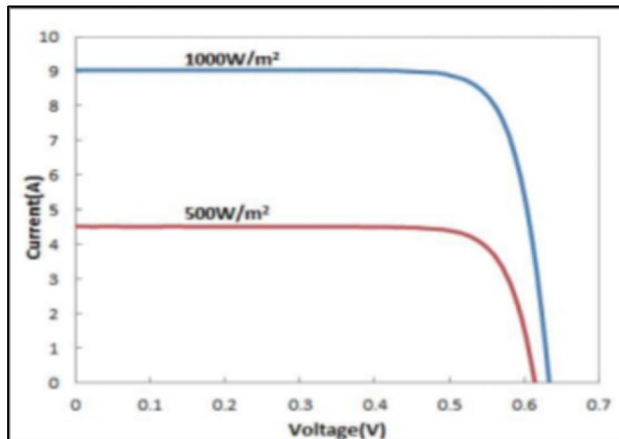
Voltage Temperature Coefficient

Tk<sub>Voltage</sub>: -0.31 %/K

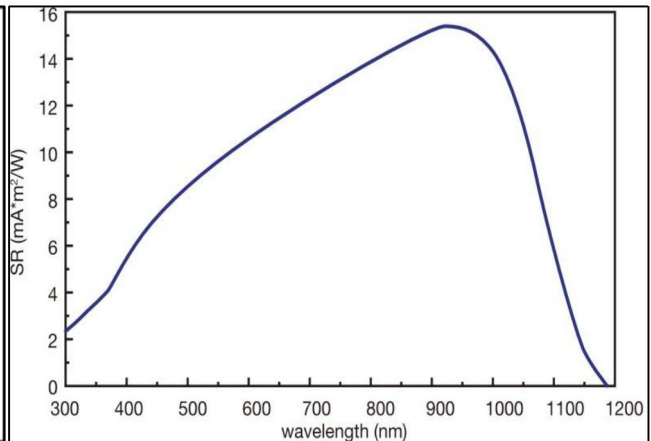
Power Temperature Coefficient

Tk<sub>Power</sub>: -0.37%/K

### IV Curve >



### Spectral Response (SR) >



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