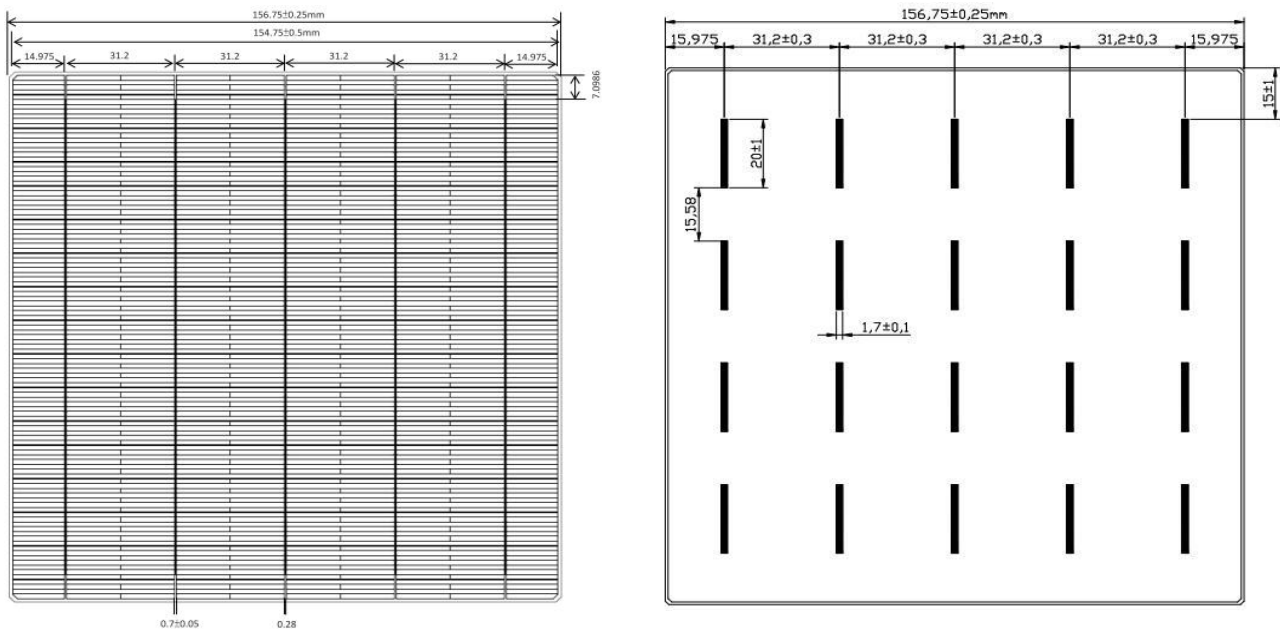


LWP5BB-157

Poly-crystalline Silicon Solar Cell



Product Features >

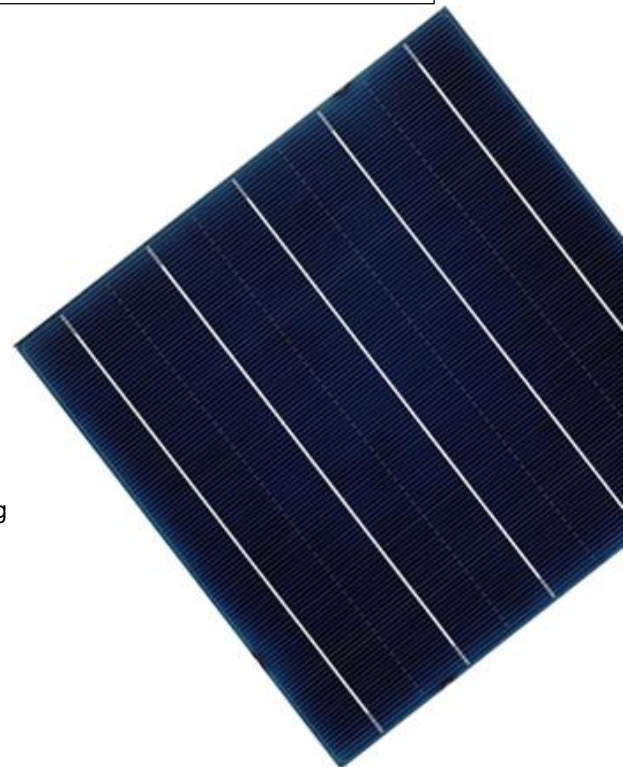
Dimension:	156.75mmx156.75mm±0.25mm, Φ220.0mm±0.25mm
Thickness:	200μm±20μm
Front side:	0.7mm wide bus bars,Silicon nitride anti-reflection coating
Back side:	1.7mm wide bus bars,Silicon nitride coating

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 etc certificated



Electric Performance >

Eff(%)	Pmpp(W)	Ump(V)	I _{mp} (A)	U _{oc} (V)	I _{sc} (A)
19.20%	4.72	0.548	8.616	0.643	9.091
19.10%	4.69	0.546	8.590	0.642	9.061
19.00%	4.67	0.545	8.560	0.641	9.027
18.90%	4.64	0.544	8.537	0.640	9.005
18.80%	4.62	0.542	8.516	0.638	8.985
18.70%	4.59	0.541	8.494	0.637	8.964
18.60%	4.57	0.539	8.473	0.635	8.945
18.50%	4.55	0.538	8.447	0.634	8.921
18.40%	4.52	0.537	8.421	0.632	8.897
18.30%	4.50	0.535	8.380	0.631	8.866
18.20%	4.47	0.533	8.355	0.630	8.829

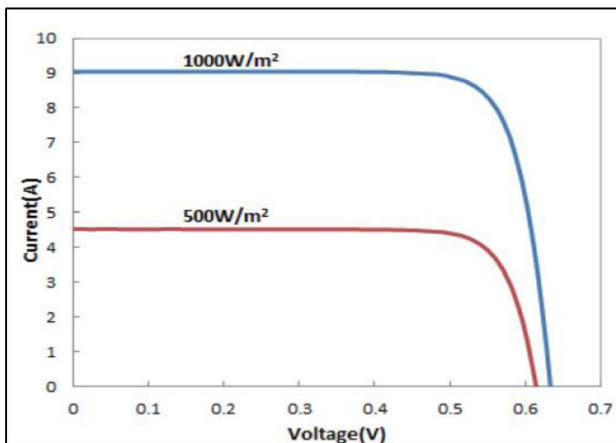
● Under standard test condition: 1000W/ m², AM 1.5G, 25°C

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

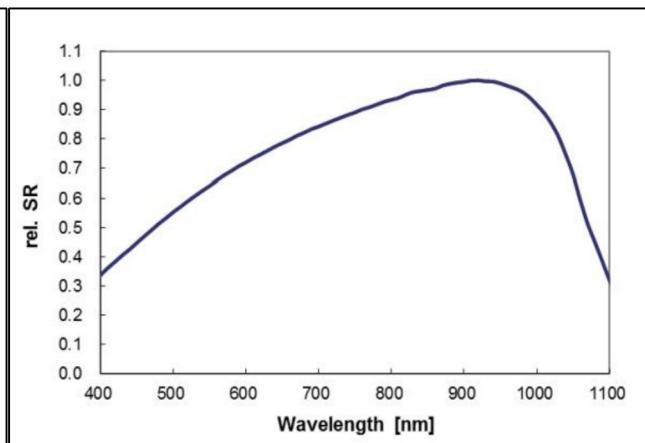
Temperature Coefficients >

Current Temperature Coefficient	T _{kCurrent} : +0.04%/K
Voltage Temperature Coefficient	T _{kVoltage} : -0.31 %/K
Power Temperature Coefficient	T _{kPower} : -0.39%/K

IV Curve >



Spectral Response (SR) >



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