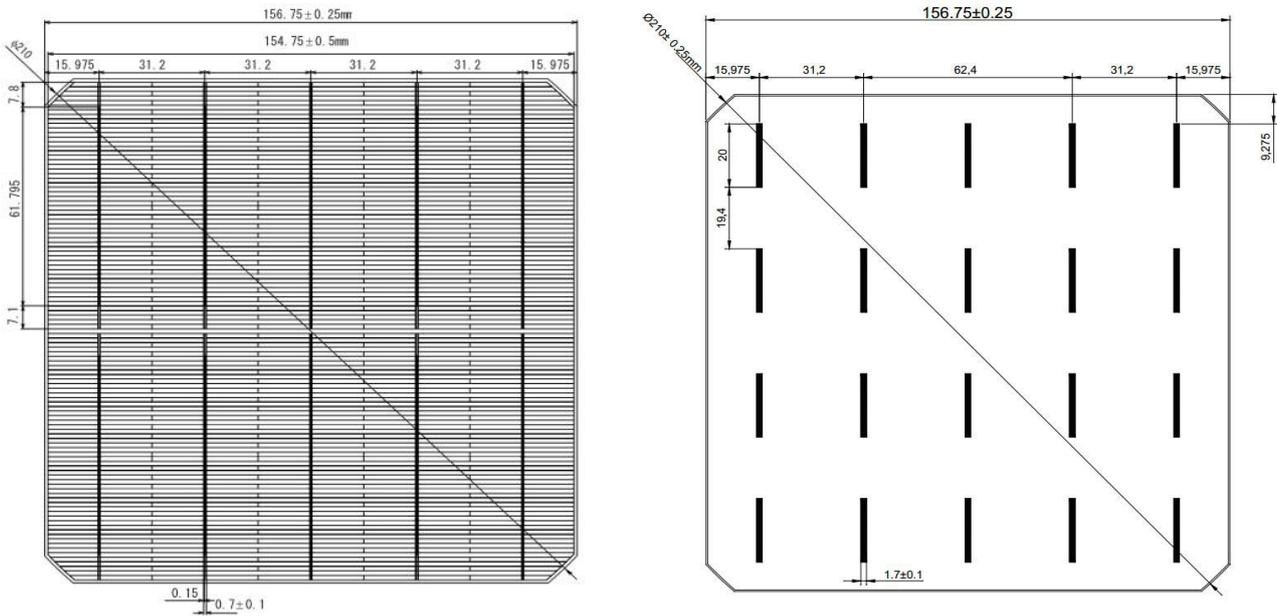


LWM5BB-210

PERC-Mono-crystalline Silicon Solar Cell



Product Features >

Dimension:	156.75mmx156.75mm±0.25mm, Φ210.0mm±0.25mm
Thickness:	200μm±20μm
Front side:	0.7mm wide sliver busbars,Blue silicon nitride anti-reflection coating
Back side:	1.7mm wide sliver busbars,Aluminum local back-surface field

Product Characteristics

- High conversion efficiency with PERC+SE technology
- 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 CQC etc certificated



Electric Performance >

Eff(%)	Pmpp(W)	Ump(V)	I _{mp} (A)	U _{oc} (V)	I _{sc} (A)
22.50%	5.50	0.583	9.436	0.683	8.871
22.40%	5.47	0.581	9.418	0.682	9.864
22.30%	5.45	0.580	9.404	0.681	9.856
22.20%	5.42	0.577	9.392	0.680	9.845
22.10%	5.40	0.576	9.371	0.679	9.836
22.00%	5.38	0.575	9.364	0.677	9.818
21.90%	5.35	0.572	9.350	0.675	9.795
21.80%	5.33	0.571	9.337	0.675	9.795
21.70%	5.30	0.569	9.323	0.674	9.782
21.60%	5.28	0.567	9.315	0.672	9.770
21.50%	5.25	0.565	9.297	0.671	9.763

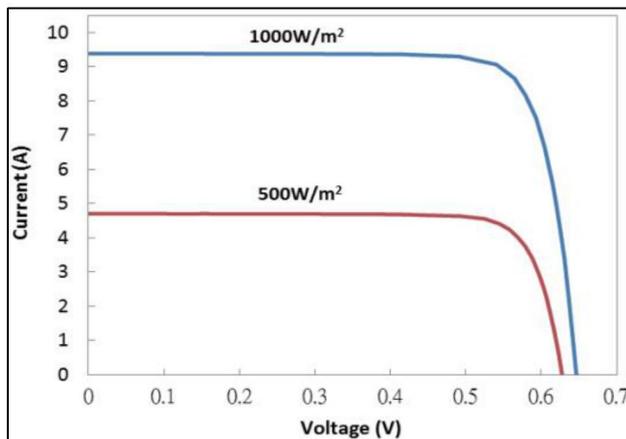
●Under standard test condition: 1000W/ m², AM 1.5G, 25°C

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

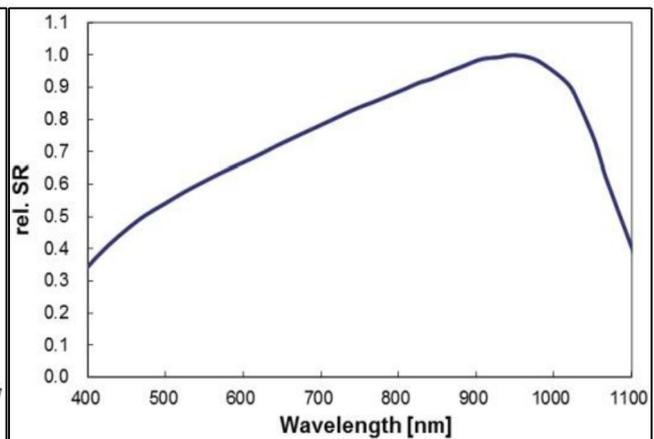
Temperature Coefficients >

Current Temperature Coefficient	Tk _{Current} : +0.04%/K
Voltage Temperature Coefficient	Tk _{Voltage} : -0.31 %/K
Power Temperature Coefficient	Tk _{Power} : -0.41%/K

IV Curve >



Spectral Response (SR) >



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