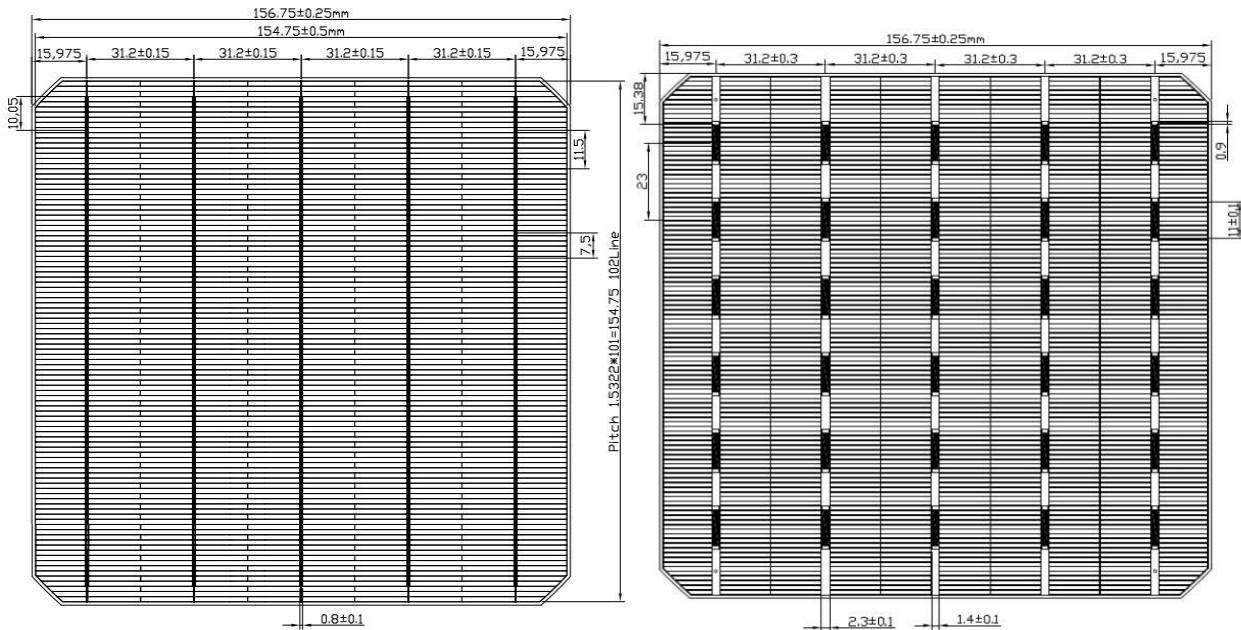


LWM5BB-BiFi-SE-210

PERC-Mono-crystalline Silicon Bifacial Solar Cell



Product Features >

Dimension:	156.75mmx156.75mm ± 0.25 mm, $\Phi 210.0$ mm ± 0.25 mm
Thickness:	200 μ m ± 20 μ m
Front side:	0.8mm wide sliver busbars,Blue silicon nitride anti-reflection coating
Back side:	1.4mm wide sliver busbars,Silicon nitride coating

Product Characteristics

- High conversion efficiency with PERC+SE+Bifacial technology
- No light-induced degradation
- Both sides can generate electricity
- 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 $\pm 0.1\%$ accuracy
- 100% checked for reverse current and visual appearance
- Reference cell calibrated from Fraunhofer
- ISO 9001,ISO 14001 and CQC etc certificated



Electric Performance >

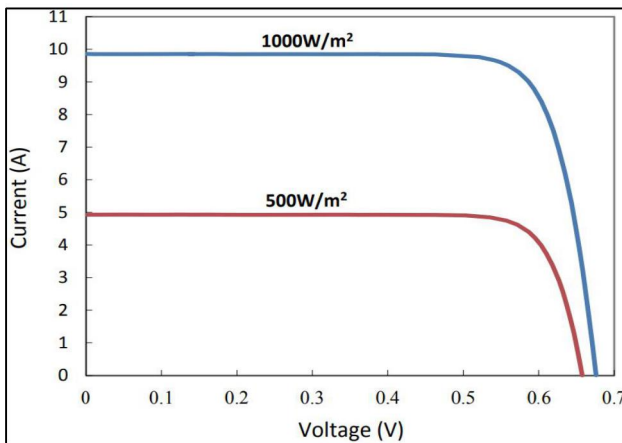
Eff(%)	Pmpp(W)	Ump(V)	I _{mp} (A)	U _{oc} (V)	I _{sc} (A)	FF(%)
22.30%	5.45	0.577	9.432	0.679	9.892	81.06
22.20%	5.42	0.576	9.417	0.678	9.888	80.95
22.10%	5.40	0.574	9.400	0.677	9.874	80.84
22.00%	5.38	0.574	9.384	0.677	9.857	80.74
21.90%	5.35	0.572	9.356	0.675	9.832	80.62
21.80%	5.33	0.571	9.339	0.675	9.816	80.52
21.70%	5.30	0.569	9.328	0.673	9.807	80.43
21.60%	5.28	0.568	9.290	0.672	9.789	80.33
21.50%	5.25	0.567	9.267	0.671	9.763	80.24
21.40%	5.23	0.565	9.256	0.670	9.741	80.14

- Under standard test condition: 1000W/ m², AM 1.5G, 25°C
- Average accuracy of all tests is +/-1.5% rel

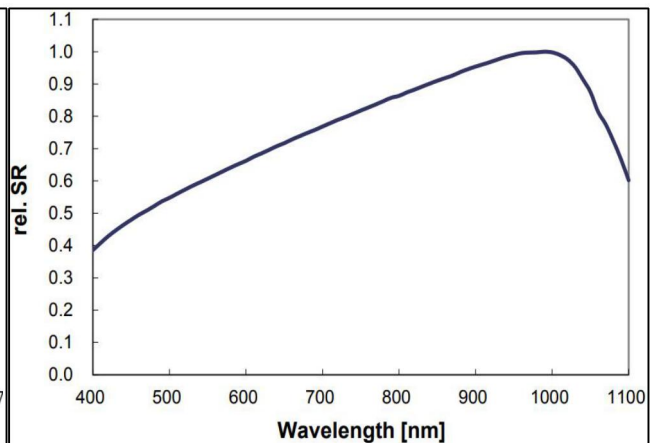
Temperature Coefficients >

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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