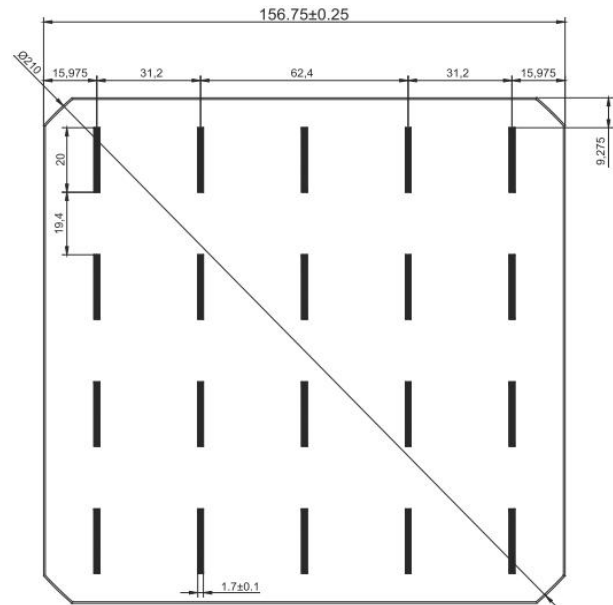
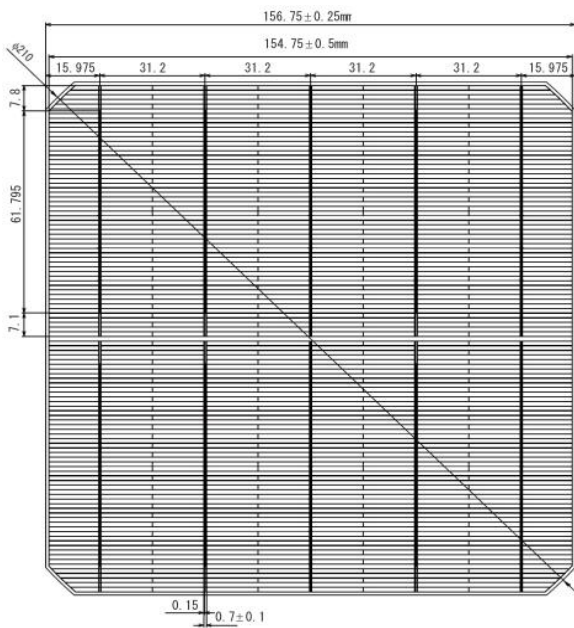


LWM5BB-210

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 bus bars,Silicon nitride anti-reflection coating
Back side:	1.7mm wide bus bars,Silicon nitride coating

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 CE,CQC certificated



Electric Performance >

Eff(%)	Pmpp(W)	Ump(V)	I _{mp} (A)	U _{oc} (V)	I _{sc} (A)
22.10%	5.40	0.575	9.401	0.671	9.873
22.00%	5.38	0.573	9.393	0.670	9.861
21.90%	5.35	0.571	9.367	0.668	9.849
21.80%	5.33	0.570	9.350	0.667	9.840
21.70%	5.30	0.568	9.325	0.666	9.817
21.60%	5.28	0.567	9.305	0.665	9.792
21.50%	5.25	0.565	9.297	0.663	9.790
21.40%	5.23	0.563	9.295	0.661	9.777
21.30%	5.20	0.561	9.270	0.659	9.760
21.20%	5.18	0.560	9.259	0.658	9.758
21.10%	5.16	0.558	9.232	0.657	9.740

● 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

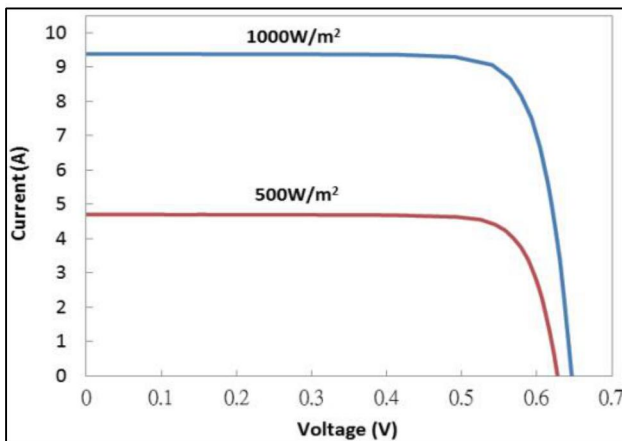
Voltage Temperature Coefficient

T_{kVoltage}: -0.31 %/K

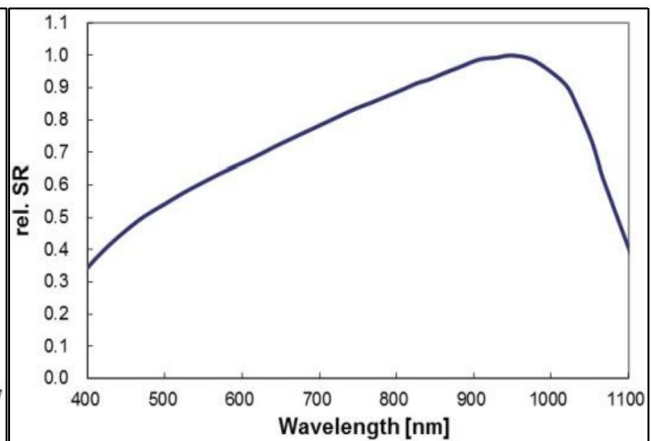
Power Temperature Coefficient

T_{kPower}: -0.41%/K

IV Curve >



Spectral Response (SR) >



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