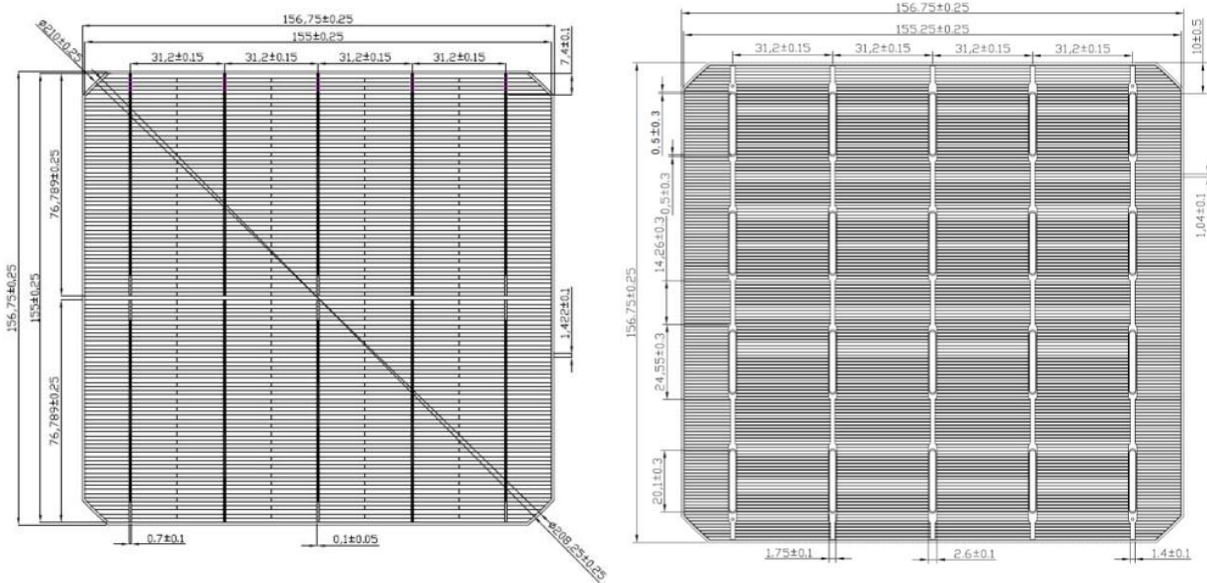


# LWM5BB-BiFi-SE-210

## PERC-Mono-crystalline Silicon Bifacial Solar Cell



### Product Features >

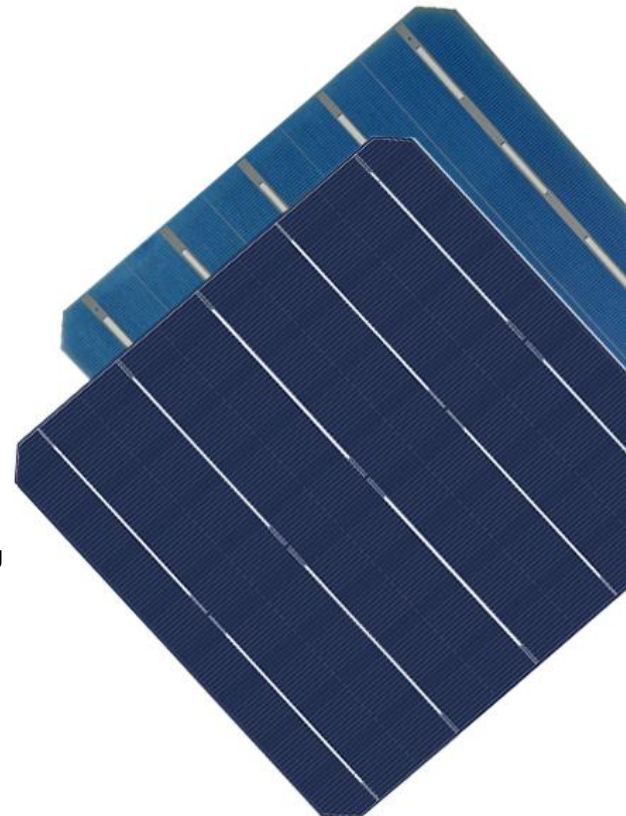
<b>Dimension:</b>	156.75mmx156.75mm±0.25mm, Φ210.0mm±0.25mm
<b>Thickness:</b>	200μm±20μm
<b>Front side:</b>	0.7mm wide bus bars,Silicon nitride anti-reflection coating
<b>Back side:</b>	1.75mm wide bus bars,Silicon nitride coating

### Product Characteristics

- High conversion efficiency with high reliability
- No light-induced degradation
- Both sides can generate electricity
- Low breakage rate by using high qualified and stable wafers
- Low mismatch of cell performance during encapsulation
- Excellent power generation performance under low irradiation
- Low hot spot effect

### 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 <sub>mp</sub> (A)	U <sub>oc</sub> (V)	I <sub>sc</sub> (A)
22.10%	5.40	0.581	9.281	0.675	9.779
22.00%	5.38	0.579	9.262	0.674	9.761
21.90%	5.35	0.578	9.258	0.673	9.742
21.80%	5.33	0.577	9.232	0.672	9.715
21.70%	5.30	0.576	9.201	0.671	9.675
21.60%	5.28	0.575	9.186	0.670	9.661
21.50%	5.25	0.572	9.181	0.667	9.657
21.40%	5.23	0.571	9.157	0.666	9.633
21.30%	5.20	0.569	9.149	0.665	9.611
21.20%	5.18	0.568	9.121	0.665	9.601
21.10%	5.16	0.567	9.096	0.664	9.589

●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**

**T<sub>kCurrent</sub>: +0.04%/K**

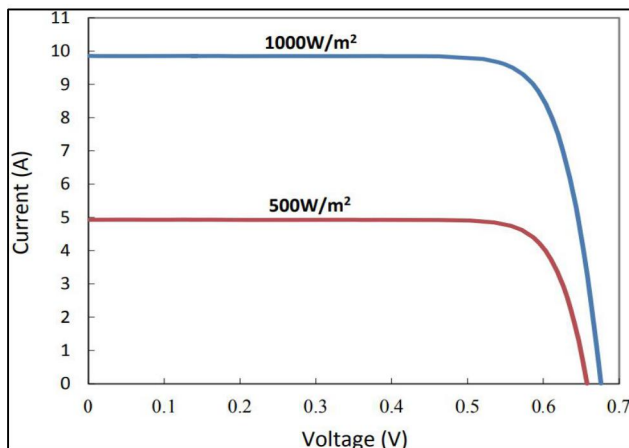
**Voltage Temperature Coefficient**

**T<sub>kVoltage</sub>: -0.31 %/K**

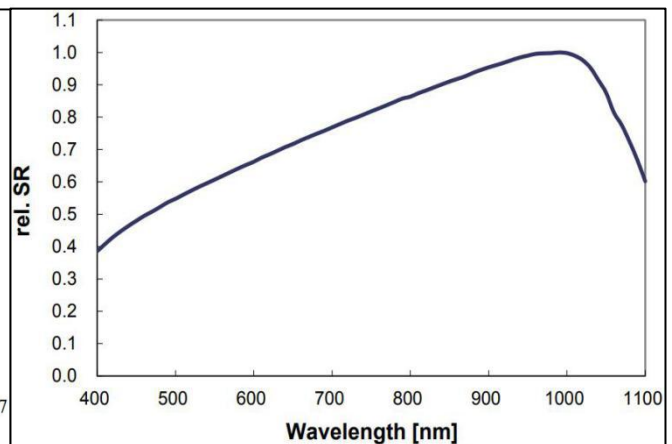
**Power Temperature Coefficient**

**T<sub>kPower</sub>: -0.42%/K**

### IV Curve >



### Spectral Response (SR) >



## LIGHTWAY ENERGY TECHNOLOGY CO.,LIMITED

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