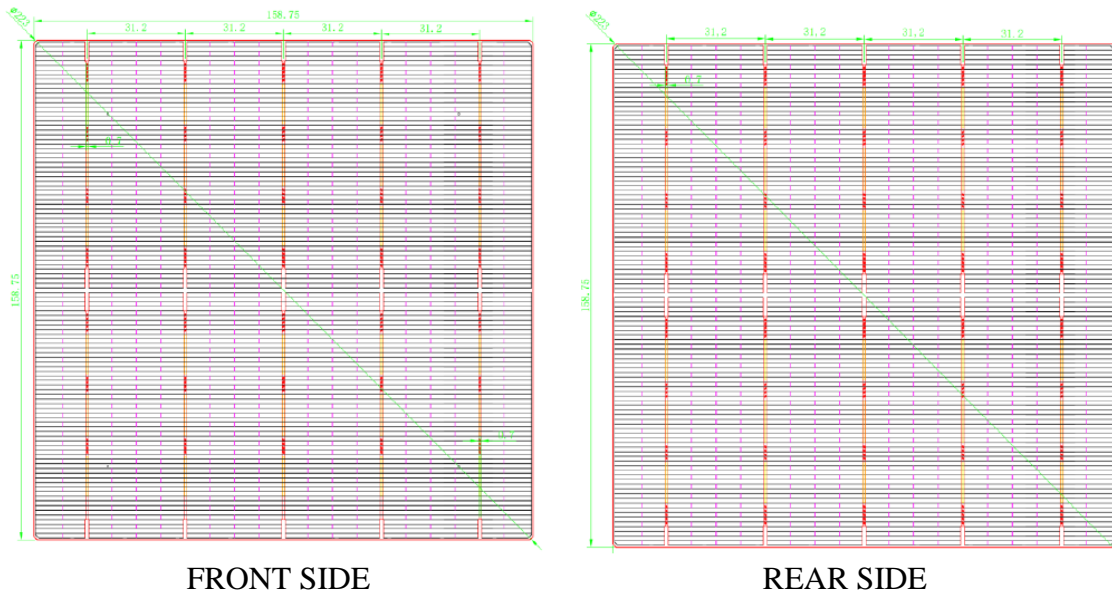


## Monocrystalline Silicon bifacial 5BB N-TOPCon solar Cell

### Mechanical Data and Design



Dimension	G1 158.75 ±0.5 mm x 158.75 ±0.5 mm
Thickness	170µm±20µm
Front(+)	0.7mm bus bars(silver),blue anti-reflection coating(silicon nitride)
Back (-)	0.7mm bus bars(silver),blue anti-reflection coating(silicon nitride)

The bifacial structure and half-chip design

No light-induced degradation and excellent anti-PID performance

Excellent power generation performance

High conversion efficiency and high reliability

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Efficiency (%)	P <sub>mpp</sub> (Wp)	U <sub>mpp</sub> (V)	I <sub>mpp</sub> (A)	U <sub>oc</sub> (V)	I <sub>sc</sub> (A)	FF (%)
23.60-23.70	5.95	0.610	9.763	0.701	10.221	83.04
23.50-23.60	5.93	0.608	9.748	0.700	10.212	82.92
23.40-23.50	5.91	0.607	9.727	0.700	10.197	82.80
23.30-23.40	5.88	0.606	9.708	0.699	10.181	82.69
23.20-23.30	5.86	0.604	9.692	0.698	10.169	82.57
23.10-23.20	5.83	0.603	9.678	0.697	10.160	82.42
23.00-23.10	5.81	0.601	9.665	0.696	10.151	82.27
22.90-23.00	5.78	0.599	9.653	0.694	10.142	82.13
22.80-22.90	5.76	0.598	9.640	0.693	10.135	81.97
22.70-22.80	5.73	0.595	9.633	0.692	10.132	81.79
22.60-22.70	5.71	0.593	9.625	0.691	10.127	81.65
22.50-22.60	5.68	0.591	9.618	0.689	10.125	81.46
22.40-22.50	5.66	0.588	9.618	0.688	10.126	81.27
22.30-22.40	5.63	0.586	9.615	0.686	10.131	81.08
22.20-22.30	5.61	0.584	9.602	0.685	10.127	80.85
22.00-22.10	5.58	0.583	9.578	0.683	10.099	80.89

(under standard test condition) : 1000W/m<sup>2</sup>,AM1.5G,25°C

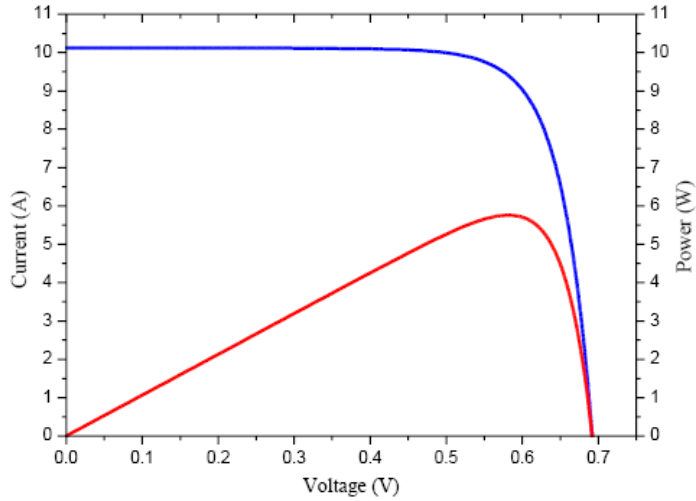
### Temperature Coefficients

Voc.Temp.Coeff.	-0.346%/K
Isc.Temp.Coeff.	+0.036%/K
Pm.Temp.Coeff.	-0.47%/K



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### IV Curve



### Spectral Response (SR)

