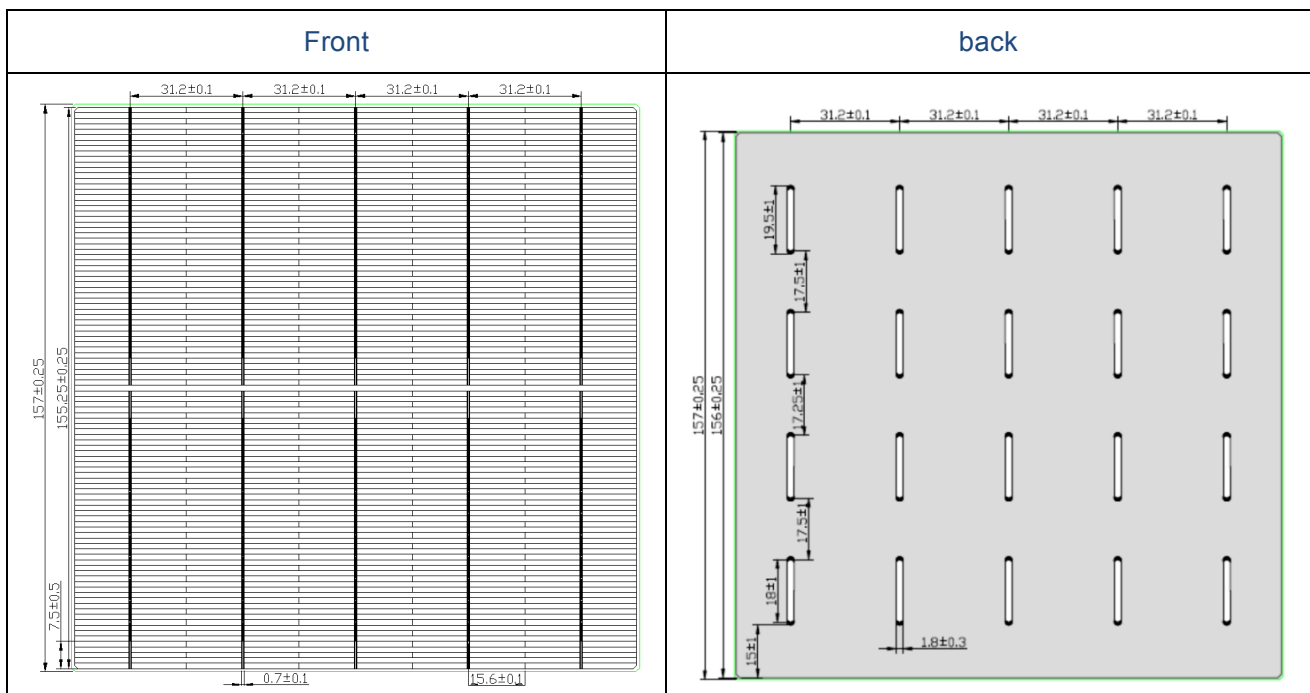


Specifications:

Category:	5BB solar cell
Dimensions:	157mm×157mm, ± 0.25 mm
Thickness:	220 μm ± 20 μm
Front :	Silicon dioxide +blue silicon nitride composite film (PID Free); Segmented BB, both ends with fork shaped; Number of fingers are 104 ;Half-piece symmetric design
Back:	alumina and silicon nitride composite layer and aluminum back field local contact, Four segmentation Ag electrode, 0.75mm silicon nitride is exposed at both ends of each Ag electrode;
Electrode peeling strength:	2N/mm, Calculate by electrode width

Pattern Design:



Remarks : Green frame is the edge of silicon wafer

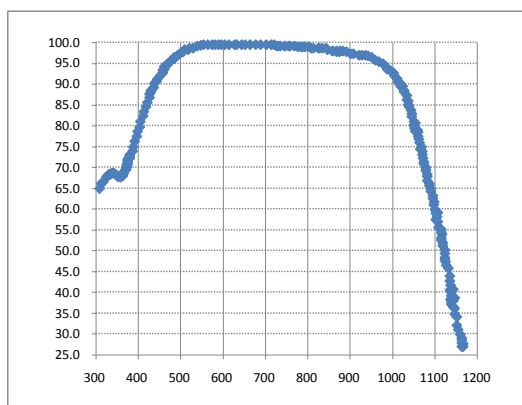
Electrical Data:

Efficiency	Pmpp(W)	Isc(A)	Uoc(V)	Impp(A)	Umpp(V)	FF
19.00%	4.668	8.959	0.6410	8.4936	0.5496	81.29
18.90%	4.643	8.919	0.6409	8.4530	0.5493	81.22
18.80%	4.619	8.887	0.6407	8.4121	0.5491	81.12
18.70%	4.594	8.864	0.6396	8.3970	0.5476	81.04
18.60%	4.570	8.843	0.6386	8.3711	0.5464	80.93
18.50%	4.545	8.818	0.6372	8.3511	0.5449	80.89
18.40%	4.521	8.813	0.6362	8.3360	0.5430	80.63
18.30%	4.496	8.786	0.6349	8.3123	0.5416	80.61
18.20%	4.472	8.737	0.6349	8.3123	0.5416	80.61
18.00%	4.422	8.694	0.6326	8.1919	0.5403	80.41

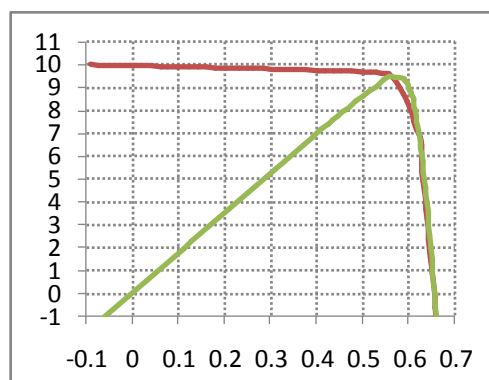
Test conditions: AM 1.5, 1000W/m², 25°C;

The above test results are limited by the change of test conditions. DAQO Solar Energy reserves the right of final interpretation.

Rel SR



IV curve



Irradiance Dependence

Intensity (W/m ²)	Rel.Isc	Rel.Uoc
1000	1.0	1.000
800	0.8	0.991
600	0.6	0.980
500	0.5	0.970
400	0.4	0.960
200	0.2	0.931

Temperature coefficients

Parameters	Coefficients
α Short circuit current	0.065%/K
β Open circuit voltage	-0.307%/K
δ Power	-0.429 %/K