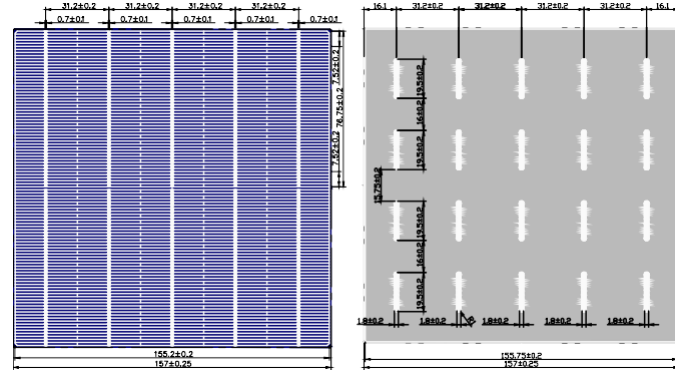
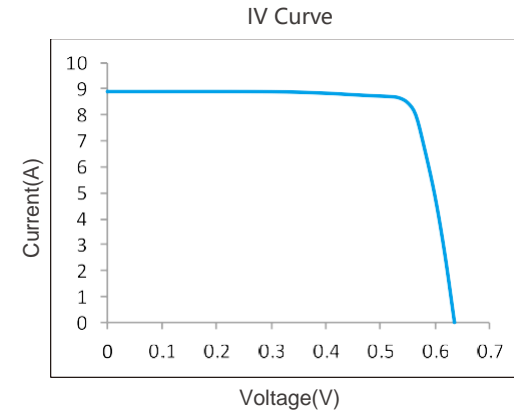


Mechanical Properties

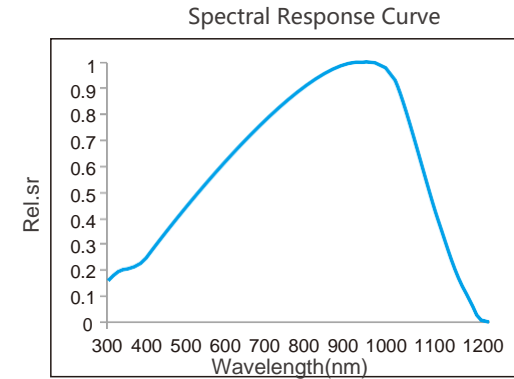


IV curve



Specifications

Silicon Size(mm)	157±0.2mm
Thickness(um)	180±20um, 200±20um
Front Side	0.7mm wide 5 Bus Bar, 104 finger grids, SiN
Back Side	1.8mm wide 5 discontinuous soldering pads, SiN

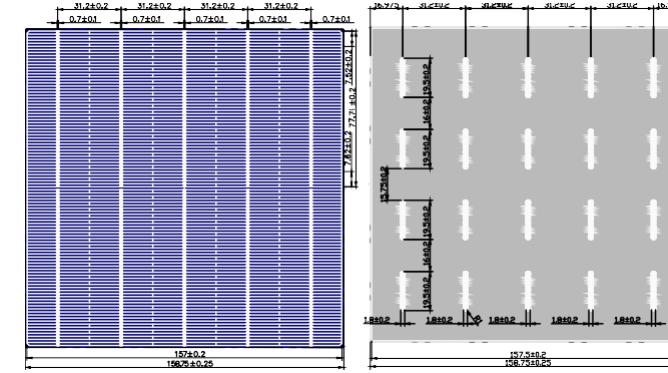


Electrical performance

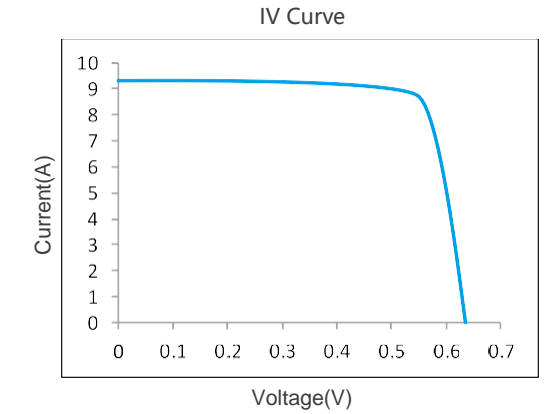
No.	Efficiency(%)	Pmpp(W)	Umpp(mV)	Impp(A)	Uoc(mV)	Isc(A)	FF(%)
1	19.00	4.68	548.4	8.537	641.6	8.998	81.09
2	18.90	4.65	546.8	8.517	640.4	8.985	80.94
3	18.80	4.62	545.2	8.497	638.9	8.968	80.85
4	18.70	4.59	543.7	8.475	637.7	8.942	80.81
5	18.60	4.57	542.3	8.453	636.5	8.928	80.67
6	18.50	4.55	540.7	8.430	635.7	8.919	80.40
7	18.40	4.53	539.7	8.411	634.2	8.901	80.37
8	18.30	4.51	537.1	8.408	632.4	8.883	80.36

The electrical performance parameters do not refer to a single cell, nor are they included in the contract. They are only used for comparison between different cell types.

Mechanical Properties

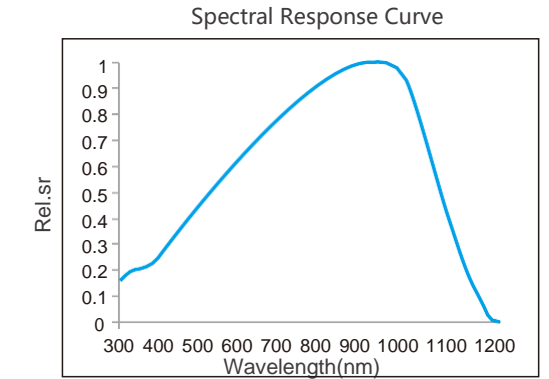


IV Curve



Specifications

Silicon Size(mm)	158±0.2mm
Thickness(um)	180±20um, 200±20um
Front Side	0.7mm wide 5 Bus Bar, 108 finger grids, SiN
Back Side	1.8mm wide 5 discontinuous soldering pads, SiN



Electrical performance

No.	Efficiency(%)	Pmpp(W)	Umpp(mV)	Impp(A)	Uoc(mV)	Isc(A)	FF(%)
1	19.00	4.78	544.2	8.799	640.100	9.279	80.62
2	18.90	4.75	542.4	8.780	639.500	9.267	80.37
3	18.80	4.73	540.8	8.760	638.400	9.252	80.21
4	18.70	4.71	539.3	8.739	636.700	9.228	80.20
5	18.60	4.68	537.3	8.724	636.400	9.222	79.88
6	18.50	4.66	535.7	8.702	635.400	9.212	79.64
7	18.40	4.63	535.6	8.657	635.500	9.217	79.17
8	18.30	4.61	534.5	8.628	635.500	9.226	78.66

The electrical performance parameters do not refer to a single cell, nor are they included in the contract. They are only used for comparison between different cell types.