

## N TYPE BIFACIAL SOLAR CELL

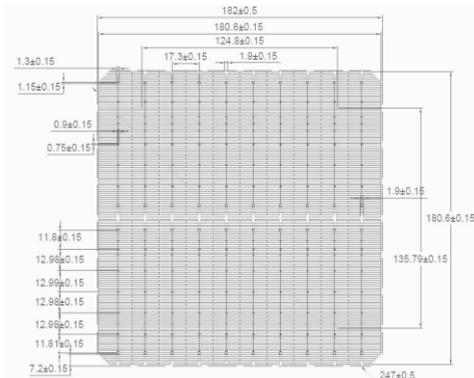
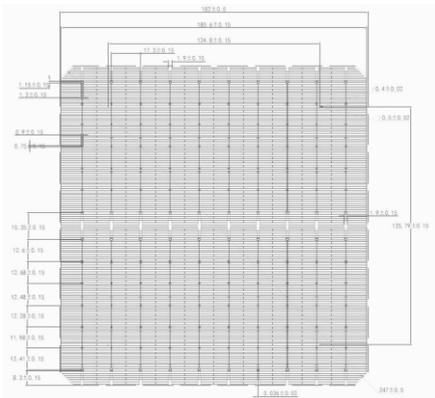
### Technical parameters

Measurement	182mmx182mm±0.5mm
Thickness	170μm±30μm
Front(-)	The front side is a half-cut design.
	Distance between busbar 17.3±0.15mm.
	Silicon oxide+blue silicon nitride compound anti-reflection coating (PID Free).
Back(+)	1.3±0.15mm wide soldering pads (silver) Back surface field (aluminum)

### Intensity Dependence

Intensity (W/m <sup>2</sup> )	Voc (mV)	Isc (mA)
1000	1.000	1.000
900	0.996	0.903
800	0.991	0.803
600	0.988	0.602
400	0.962	0.403

\*Voc(Isc) is 1000W/m<sup>2</sup>, Voc(Isc) Output ratio.



### Electrical Parameters

EFF(%)	Pm(Wp)	Vmpp(V)	Impp(A)	Voc(V)	Isc(A)
> 25.50	8.42	0.6168	13.651	0.7178	14.218
25.40	8.38	0.6159	13.606	0.7169	14.183
25.30	8.35	0.6150	13.577	0.7160	14.148
25.20	8.32	0.6141	13.553	0.7151	14.113
25.10	8.29	0.6131	13.518	0.7141	14.078
25.00	8.25	0.6122	13.475	0.7132	14.035
24.90	8.22	0.6114	13.440	0.7124	14.000
24.80	8.19	0.6106	13.405	0.7116	13.965
24.70	8.16	0.6097	13.370	0.7107	13.930
24.60	8.12	0.6089	13.335	0.7099	13.895
24.50	8.09	0.6081	13.300	0.7091	13.860
24.40	8.06	0.6073	13.265	0.7083	13.825
24.30	8.02	0.6065	13.230	0.7075	13.790
24.20	7.99	0.6059	13.195	0.7069	13.755
24.10	7.96	0.6054	13.155	0.7064	13.715
24.00	7.92	0.6040	13.115	0.7050	13.675
23.90	7.89	0.6032	13.080	0.7042	13.640
23.80	7.86	0.6024	13.055	0.7034	13.615
23.70	7.82	0.6016	13.006	0.7023	13.581
23.60	7.79	0.6008	12.968	0.7012	13.543
23.50	7.76	0.6000	12.931	0.7004	13.501
23.40	7.73	0.5992	12.893	0.6987	13.478
23.30	7.69	0.5984	12.855	0.6980	13.432
23.20	7.66	0.5976	12.817	0.6971	13.392
23.10	7.63	0.5968	12.779	0.6964	13.347
23.00	7.59	0.5960	12.740	0.6957	13.303
22.90	7.56	0.5952	12.702	0.6950	13.260
22.80	7.53	0.5944	12.664	0.6942	13.218

### Temperature coefficient

kVoltage -0.25%/K

kCurrent +0.045%/K

TkPower -0.32%/K

### Iv curve

