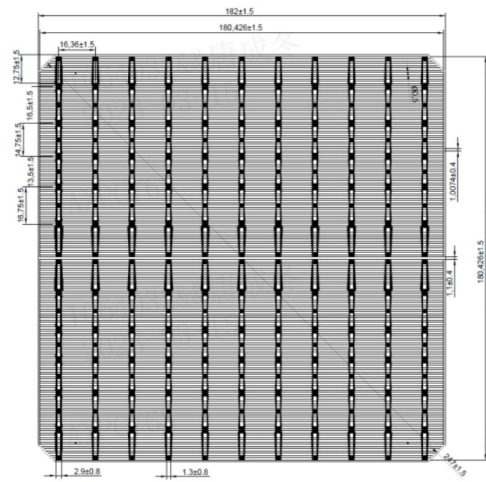
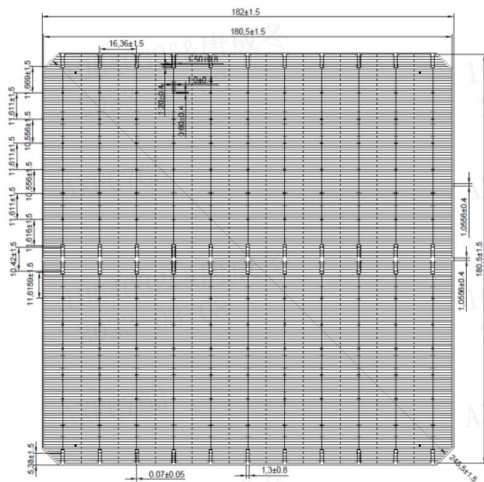


苏州斐尔西科技有限公司

Suzhou Fly Solar Technology Co., Ltd

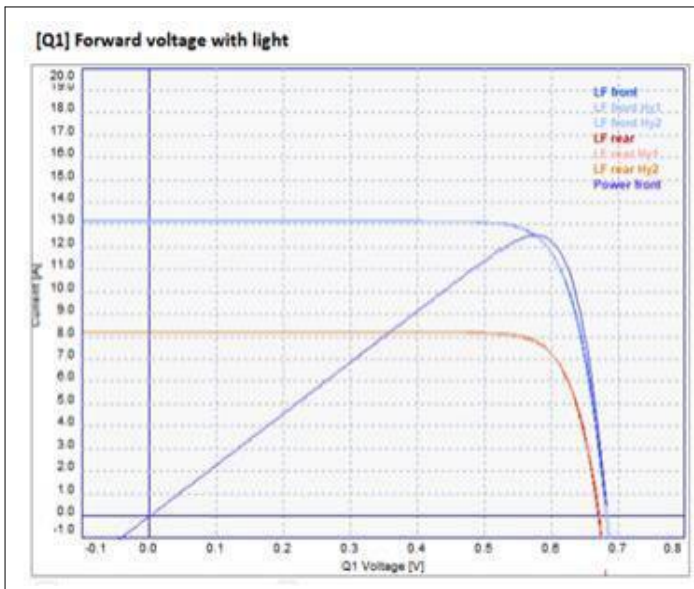
Data sheet for 182mm mono cells

产品外观 Product appearance design



技术数据与设计 Technical data and design

参数项目 Item		规格 Spec
正面 Front Side	主栅数量 Number of busbars	11
	细栅线数量 Number of fingers	172
	正面主栅线宽度 Width of front busbar	0.07±0.05 mm
	主栅线间距 Distance between busbars	16.36±0.15 mm
背面 Back Side	主栅数量 Number of busbars	11
	背面主栅线宽度 Width of rear busbar	2.9±0.8 mm
	背铝栅线数量 Number of rear Al fingers	180
	电极分段数量 Number of Ag electrode sections	10

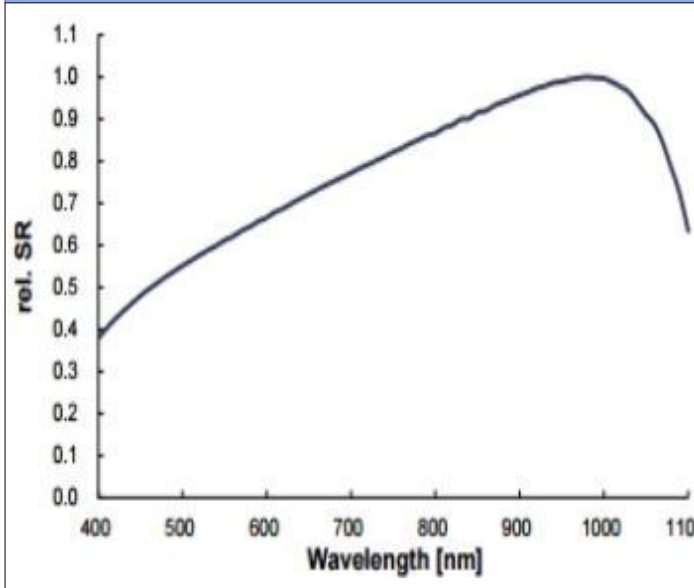


TkVoltage (%/K) : -0.36

TkCurrent (%/K) : +0.07

TkPower (%/K) : -0.38

光谱曲线 Spectral Response



光强响应 Light intensity dependence

Intensity (W/m ²)	Vmpp	Impp
1000	1.000	1.000
800	0.990	0.801
600	0.977	0.600
200	0.923	0.195

Ratio of Vmpp (Impp) at reduced intensity to Impp (Vmpp) at 1000 (W/m²)

电性能参数 Electrical characteristics

Eff (%)	Pmpp (W)	Umpp(V)	Impp(A)	Voc(V)	Isc(A)	FF(%)
23.70-23.80	7.82	0.616	12.695	0.6972	13.471	83.26
23.60-23.70	7.79	0.614	12.687	0.6957	13.458	83.20
23.50-23.60	7.76	0.612	12.680	0.6943	13.445	83.13
23.40-23.50	7.73	0.610	12.672	0.6930	13.429	83.06
23.30-23.40	7.69	0.607	12.674	0.6908	13.412	83.00
23.20-23.30	7.66	0.605	12.661	0.6893	13.400	82.93
23.10-23.20	7.63	0.603	12.648	0.6875	13.394	82.86
23.00-23.10	7.59	0.601	12.635	0.6862	13.358	82.80

22.90-23.00	7.56	0.599	12.622	0.6850	13.341	82.73
22.80-22.90	7.53	0.597	12.619	0.6837	13.324	82.66
22.70-22.80	7.49	0.595	12.584	0.6830	13.300	82.48
22.60-22.70	7.46	0.593	12.581	0.6822	13.285	82.32
22.50-22.60	7.43	0.591	12.578	0.6812	13.278	82.11
22.40-22.50	7.40	0.589	12.564	0.6795	13.278	81.97
22.30-22.40	7.36	0.587	12.538	0.6781	13.269	81.81
22.20-22.30	7.33	0.585	12.537	0.6765	13.257	81.71
22.10-22.20	7.30	0.583	12.524	0.675	13.249	81.59
22.00-22.10	7.26	0.58	12.51	0.6738	13.240	81.40
21.90-22.00	7.23	0.579	12.495	0.6728	13.227	81.23
21.80-21.90	7.20	0.577	12.482	0.6715	13.214	81.09
21.70-21.80	7.16	0.575	12.459	0.6708	13.202	80.88
21.60-21.70	7.13	0.573	12.443	0.6691	13.199	80.73
21.50-21.60	7.10	0.571	12.439	0.6678	13.186	80.59
21.40-21.50	7.07	0.569	12.424	0.6668	13.177	80.46
21.30-21.40	7.03	0.567	12.403	0.6652	13.154	80.35
21.20-21.30	7.00	0.566	12.375	0.6644	13.126	80.24
21.10-21.20	6.97	0.564	12.36	0.663	13.114	80.12
21.00-21.10	6.93	0.562	12.325	0.6622	13.08	80.03

标准测试条件：1000W/m²，AM1.5，25℃