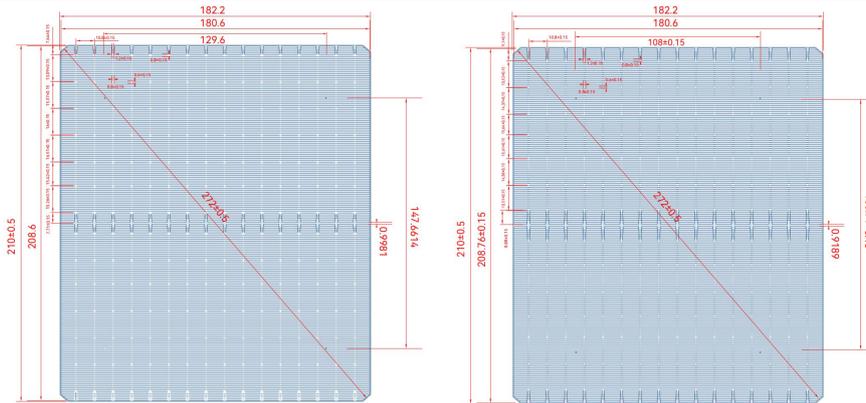


单晶 210-272-16BB-BBD10.8 双面 TOPCON 电池 (A-V0.1) MONO 210-272-16BB-BBD10.8 BIFACIAL TOPCON SOLAR CELLS

外观描述 Appearance Description

产品型号	Product type	AL1N1E0218A-L1
尺寸	Dimension	182.2mm*210mm±0.5mm, Φ 272mm±0.5mm
厚度 (电池片)	Thickness (Cells)	135±13.5um
正面	Front Side	16*0.036±0.02mm 主栅线(银), 210 根副栅线, 蓝(深蓝)色抗反射膜(氮化硅) 16*0.036±0.02mm busbar(silver),210 fingers,Blue(DK blue)anti-reflection coating(SiNx)
反面	Back Side	16*0.030±0.02mm 主栅线(银), 228 根副栅线, 蓝(深蓝)色抗反射膜(氮化硅) 16*0.030±0.02mm busbar(silver),228 fingers,Blue(DK blue)anti-reflection coating(SiNx)

电池片外观 Cell Appearance



正面 / Front Electrode Pattern

反面 / Back Electrode Pattern

图形描述 Graphical Description

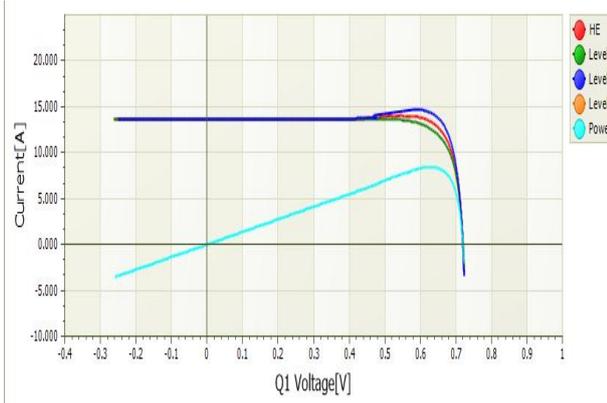
参数项目 Item		规格 Spec	
正面 Front Side	主栅数量	Number of busbars	16
	细栅线数量	Number of busbars	210
	主栅线间距	Distance between busbars	10.8
背面 Back Side	主栅线数量	Number of busbars	16
	背面主栅线宽度	Width of rear busbar	1.2/0.8±0.15
	背面细栅线数量	Number of rear fingers	228
	电极分段数量	Number of Ag electrode sections	14

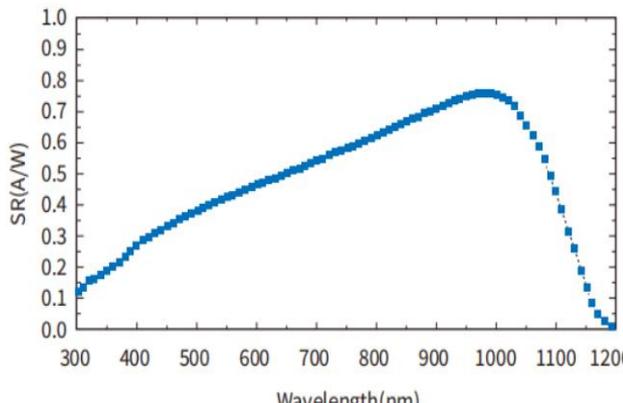
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MONO 210-272-16BB-BBD10.8 BIFACIAL TOPCON SOLAR CELLS

正面电性能参数 Front Electrical Characteristics							
序号 number	效率	最大输出功率	最大输出电压	最大输出电流	开路电压	短路电流	填充因子
	Eff (%)	Pmpp (W)	Umpp (V)	Impp (A)	Uoc (V)	Isc (A)	FF (%)
1	25.5	9.74	0.616	15.805	0.725	16.068	83.625
2	25.4	9.70	0.614	15.791	0.724	16.034	83.521
3	25.3	9.66	0.614	15.741	0.724	16.011	83.416
4	25.2	9.62	0.612	15.720	0.723	15.981	83.312
5	25.1	9.58	0.611	15.680	0.722	15.951	83.207
6	25.0	9.55	0.610	15.660	0.721	15.934	83.103
7	24.9	9.51	0.609	15.621	0.720	15.899	83.028
8	24.8	9.47	0.607	15.600	0.720	15.864	82.953
9	24.7	9.43	0.606	15.560	0.719	15.835	82.879
3	24.6	9.39	0.605	15.527	0.718	15.799	82.808
4	24.5	9.36	0.604	15.503	0.717	15.770	82.729
5	24.4	9.32	0.602	15.480	0.716	15.736	82.655
6	24.3	9.28	0.601	15.440	0.716	15.708	82.580
7	24.2	9.24	0.600	15.407	0.715	15.671	82.505
8	24.1	9.20	0.599	15.367	0.714	15.639	82.431
9	24.0	9.17	0.598	15.359	0.712	15.607	82.405
10	23.9	9.13	0.597	15.335	0.711	15.603	82.374
11	23.8	9.10	0.596	15.336	0.710	15.598	82.336
12	23.7	9.06	0.595	15.295	0.769	15.572	82.301
13	23.6	9.02	0.594	15.238	0.768	15.550	82.273
14	23.5	8.98	0.593	15.178	0.767	15.520	82.240
15	23.4	8.94	0.592	15.183	0.766	15.508	82.210

Standard Test Condition(STC):1000W/m²,AM1.5,25℃

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I-V 曲线 I-V Curve	温度系数 Temperature Coefficients
	TK Voltage(%K):-0.26
	TK Current(%K):+0.046
	TK Power(%K):-0.32

光谱曲线 Spectral Response	光强响应 Light intensity dependence		
	Intensity (W/m²)	Vmpp	Impp
	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
	Ratio of Vmpp(Impp)at reduced intensity to Impp(Vmpp) at 1000(W/m²)		

Standard Test Condition(STC):1000W/m²,AM1.5,25 °C