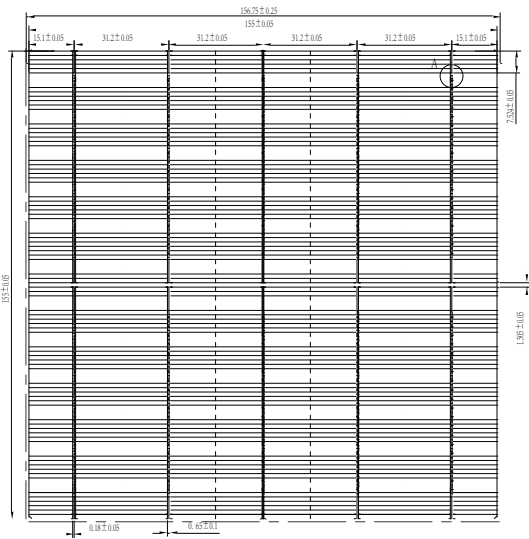


MSR1

156.75 Poly Solar Cell (5BB-Half)
5BB多晶电池片 (半片)

Product specification/产品规格



Type/硅片类型

Polycrystalline
多晶

Size/尺寸规格

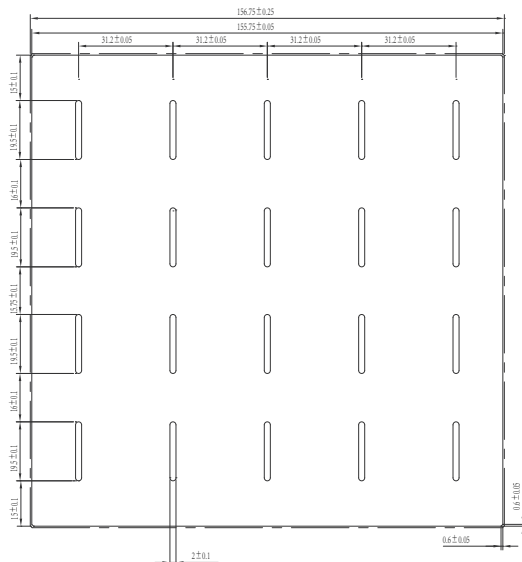
156.75mm ± 0.25mm
220.2mm ± 0.5mm
220 ± 20μm

Front electrode pattern/正电极图形

Five busbars/五主栅

Width/宽度: 0.7 ± 0.05mm

Interval/间距: 31.2 ± 0.05mm



Electrical properties/电特性

Temperature coefficient/温度系数

Voc: -0.36 %/°C

Isc: 0.06 %/°C

Pm: -0.36 %/°C

STC/标准检验条件

Intensity/光强: 1000 W/m²

Spectrum/光谱: AM1.5

Temperature/温度: 25 ± 2°C

Appearance parameters/外观参数

参数项目 Parameter items		Specification	公差 Tolerance	单位 Unit
正面 Front surface	A	正面细栅线数量 Finger number	N/A	Line
	B	正面主栅线宽度 Busbar width	0.65	±0.1 mm
	C	正面主栅线间距 Busbar interval	31.2	±0.1 mm
	D	左/右主栅中心线到左/右边缘的距离 Distance between center line of the left (right) busbar and the left (right) wafer edge	15.1	±0.05 mm
背面 Rear surface	A	背面主栅线宽度 Grid width	2	±0.1 mm
	B	背面主栅线间距 Grid interval	31.2	±0.05 mm
	C	左/右主栅中心线到左/右边缘的距离 Distance between center line of the left (right) rear grid and the left (right) wafer edge	15.1	±0.05 mm

Electrical performance/电性能

Gear	Conversion efficiency rating (%)	P _m (W)	V _{oc} (V)	I _{sc} (A)	V _m (V)	I _m (A)
19.4	≥19.40	4.77	0.638	9.288	0.552	8.637
19.3	≥19.30~19.40	4.74	0.637	9.243	0.549	8.632
19.2	≥19.20~19.30	4.72	0.636	9.219	0.547	8.628
19.1	≥19.10~19.20	4.69	0.636	9.160	0.544	8.625
19.0	≥19.00~19.10	4.67	0.636	9.139	0.542	8.621
18.9	≥18.90~19.00	4.64	0.635	9.132	0.540	8.611
18.8	≥18.80~18.90	4.62	0.633	9.127	0.537	8.606
18.7	≥18.70~18.80	4.59	0.633	9.117	0.535	8.579
18.6	≥18.60~18.70	4.57	0.632	9.080	0.534	8.558
18.5	≥18.50~18.60	4.55	0.631	9.038	0.533	8.537
18.4	≥18.40~18.50	4.52	0.630	9.024	0.533	8.485
18.3	≥18.30~18.40	4.50	0.628	8.940	0.532	8.454
18.2	≥18.20~18.30	4.47	0.627	8.901	0.531	8.436
18.1	≥18.10~18.20	4.45	0.625	8.884	0.529	8.412
18.0	≥18.00~18.10	4.43	0.624	8.875	0.528	8.390
17.9	≥17.90~18.00	4.40	0.622	8.865	0.526	8.365
17.8	≥17.80~17.90	4.38	0.621	8.851	0.524	8.359
17.6	≥17.60~17.80	4.33	0.618	8.620	0.551	7.858