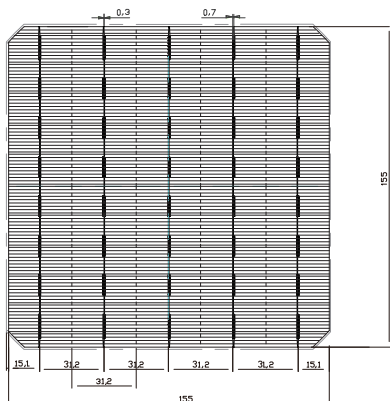




MSR5

156.75 Mono PERC Solar Cell (5BB-Half)
5BB单晶PERC电池片 (半片)

Product specification/产品规格



Type/硅片类型

Monocrystalline
单晶

Size/尺寸规格

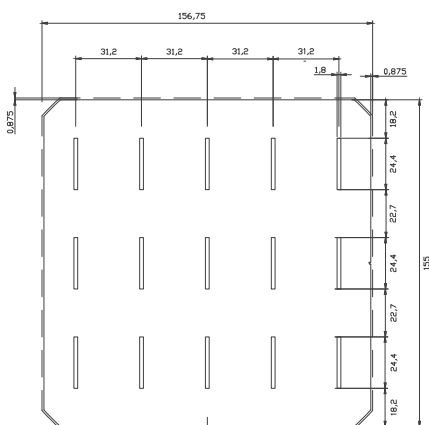
156.75*156.75±0.25mm
210±0.5mm
200±20μm

Front electrode pattern/正电极图形

Five busbars/五主栅

Width/宽度: 0.7±0.1mm

Interval/间距: 31.2±0.15mm



Electrical properties/电特性

Temperature coefficient/温度系数

Voc: -0.31 %/°C

Isc: +0.04 %/°C

Pm: -0.40 %/°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	±0.1	mm
	C	正面主栅线间距 Busbar interval	±0.15	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	16	±0.1 mm
背面 Rear surface	A	背面主栅线宽度 Grid width	±0.1	mm
	B	背面主栅线间距 Grid interval	±0.15	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	16	±0.1 mm

Electrical performance/电性能

Eff (%)	Pmpp (W)	Vmpp (V)	Ipp (A)	Voc (V)	Isc (A)	FF (%)
21.40	5.23	0.567	9.225	0.665	9.729	80.88
21.20	5.18	0.563	9.198	0.664	9.695	80.44
21.00	5.13	0.561	9.152	0.664	9.725	79.46
20.80	5.08	0.558	9.109	0.661	9.632	79.84
20.60	5.03	0.554	9.089	0.661	9.671	78.72
20.40	4.99	0.549	9.087	0.654	9.651	79.04
20.20	4.93	0.555	8.880	0.656	9.420	79.71
20.00	4.89	0.555	8.809	0.649	9.337	80.68
19.80	4.84	0.556	8.702	0.648	9.200	81.12
19.60	4.79	0.549	8.722	0.641	9.275	80.51