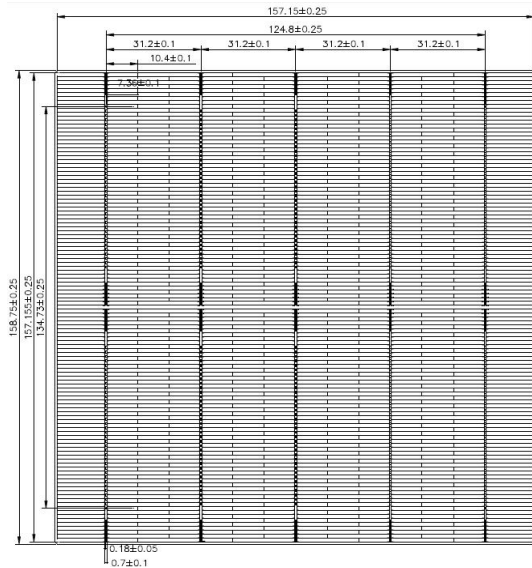




MSR1

158.75 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

158.75mm\*158.75mm±0.25mm  
223mm±0.5mm  
190±30μm

### 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

Finger/细栅线: 120 lines

## Electrical properties/电特性

### Temperature coefficient/温度系数

Voc: -0.31%/°C

Isc: 0.04%/°C

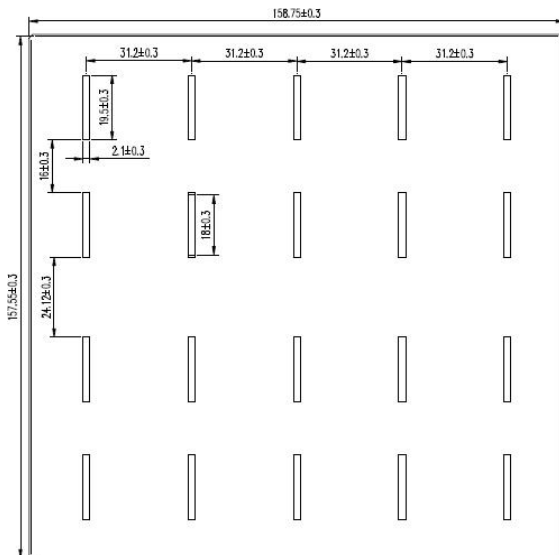
Pm: -0.41%/°C

### STC/标准检验条件

Intensity/光强: 1000 W/m<sup>2</sup>

Spectrum/光谱: AM1.5

Temperature/温度: 25±2°C



## Appearance parameters/外观参数

参数项目 Parameter items			公差 Tolerance	单位 Unit	
正面 Front surface	A	正面细栅线数量 Finger number	120	N/A	Line
	B	正面主栅线宽度 Busbar width	0.7	±0.1	mm
	C	正面主栅线间距 Busbar interval	31.2	±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	16.975	±0.1	mm
背面 Rear surface	A	背面主栅线宽度 Grid width	1.8	±0.3	mm
	B	背面主栅线间距 Grid interval	31.2	±0.3	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	16.975	±0.3	mm

## Electrical performance/电性能

Efficiency Code	Efficiency (%)	Pm (W)	Vm (V)	Im (A)	Voc (V)	Isc (A)
22.6	22.6	5.70	0.582	9.79	0.689	10.35
22.5	22.5	5.67	0.581	9.76	0.687	10.31
22.4	22.4	5.65	0.579	9.76	0.686	10.30
22.3	22.3	5.62	0.578	9.73	0.684	10.28
22.2	22.2	5.59	0.576	9.71	0.683	10.25
22.1	22.1	5.57	0.575	9.69	0.681	10.24
22.0	22.0	5.54	0.572	9.69	0.678	10.23
21.9	21.9	5.52	0.571	9.67	0.677	10.22
21.8	21.8	5.49	0.569	9.65	0.675	10.19
21.7	21.7	5.47	0.567	9.65	0.673	10.19
21.6	21.6	5.44	0.566	9.61	0.671	10.16