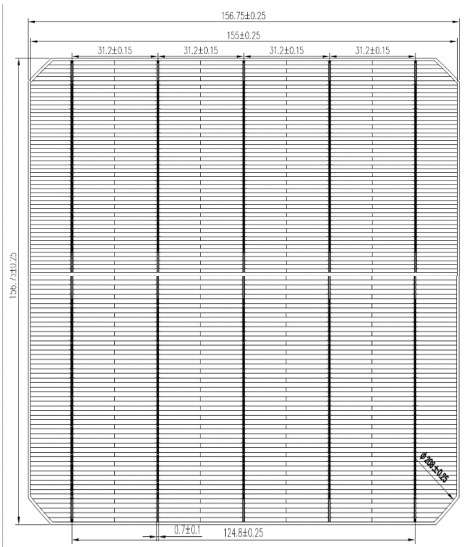




MSR5

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

Size/尺寸规格

Monocrystalline 156.75*156.75±0.25mm
单晶 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: 108 lines

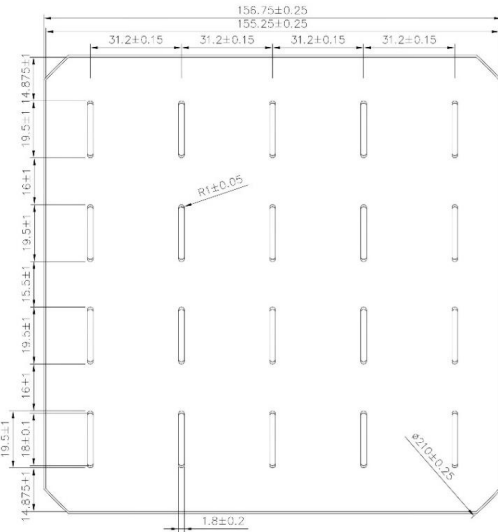
Electrical properties/电特性

Temperature coefficient/温度系数

Voc: -0.36 %/°C
Isc: + 0.07 %/°C
Pm: -0.38 %/°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	108	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	±0.1	mm
背面 Rear surface	A	背面主栅线宽度 Grid width	1.8	±0.2	mm
	B	背面主栅线间距 Grid interval	31.2	±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

Efficiency Code	Efficiency (%)	Pmpp (W)	Umpp (V)	Impp (A)	Uoc (V)	Isc (A)	FF (%)
MS-156.75M-220	22.00	5.38	0.578	9.342	0.679	9.847	80.58
MS-156.75M-219	21.90	5.35	0.577	9.329	0.678	9.832	80.42
MS-156.75M-218	21.80	5.33	0.576	9.316	0.677	9.818	80.26
MS-156.75M-217	21.70	5.30	0.575	9.303	0.676	9.803	80.08
MS-156.75M-216	21.60	5.28	0.574	9.291	0.675	9.788	79.92
MS-156.75M-215	21.50	5.25	0.573	9.279	0.674	9.774	79.77
MS-156.75M-214	21.40	5.23	0.571	9.269	0.673	9.759	79.64
MS-156.75M-213	21.30	5.20	0.569	9.255	0.672	9.744	79.47
MS-156.75M-212	21.20	5.18	0.567	9.244	0.671	9.730	79.34
MS-156.75M-211	21.10	5.16	0.566	9.205	0.670	9.724	79.22
MS-156.75M-210	21.00	5.13	0.565	9.180	0.669	9.709	79.08
MS-156.75M-209	20.90	5.11	0.564	9.162	0.668	9.703	78.90
MS-156.75M-208	20.80	5.08	0.562	9.140	0.667	9.681	78.74
MS-156.75M-207	20.70	5.06	0.560	9.113	0.666	9.667	78.60
MS-156.75M-206	20.60	5.03	0.558	9.089	0.665	9.652	78.42