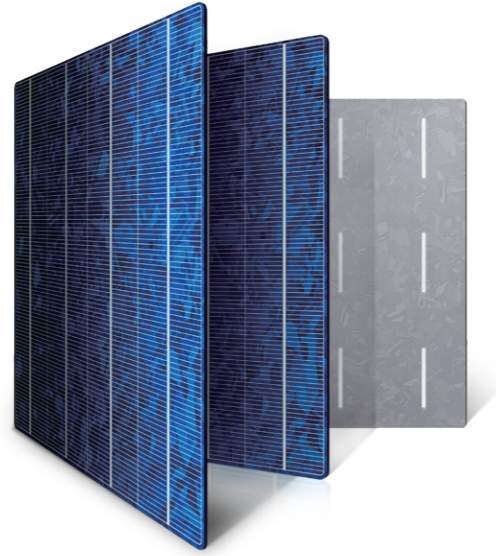


# 多晶硅太阳能电池



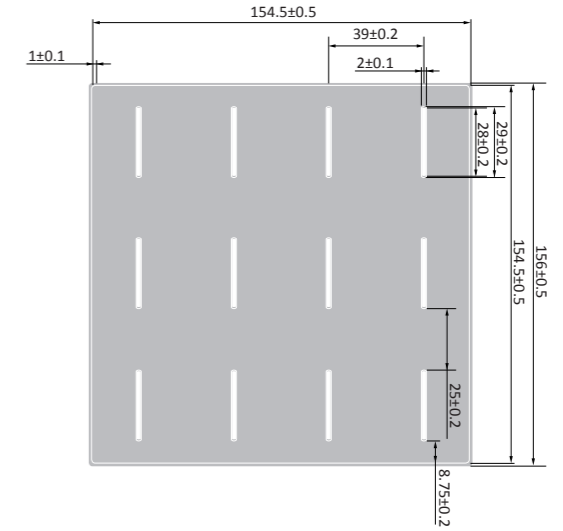
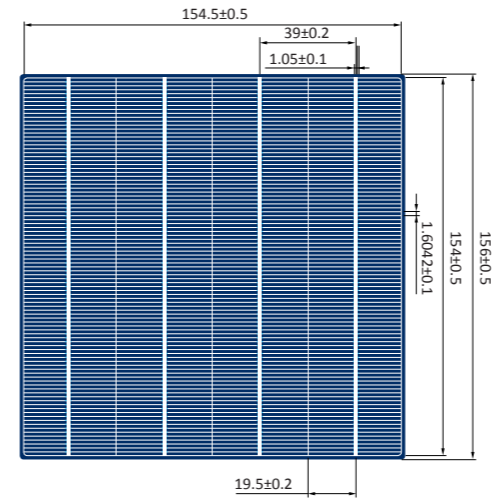
外观	
尺寸	156mm x 156mm±0.5mm
厚度	210um±20um
正面 (-)	氮化硅减反射膜
	电极宽度 1.05mm
背面 (+)	铝背场
	宽度 2mm

温度系数	
开路电压温度系数	-0.36%/K
短路电流温度系数	0.07%/K
最大功率温度系数	-0.38%/K

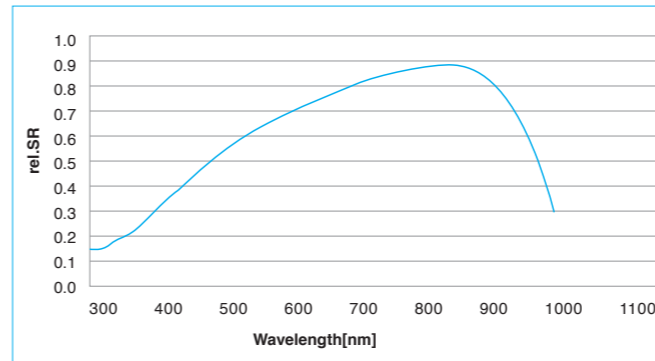
## 电性能参数

档位	效率区间	功率	最大功率电流	最大功率电压	短路电流	开路电压	FF(%)
		Pmpp(W)	Impp(A)	Umpp(V)	Isc(A)	Uoc(V)	
18.60%	18.60%-18.80%	4.53	8.276	0.547	8.788	0.638	80.80
18.40%	18.40%-18.60%	4.48	8.214	0.545	8.729	0.638	80.44
18.20%	18.20%-18.40%	4.43	8.153	0.543	8.667	0.637	80.24
18.00%	18.00%-18.20%	4.38	8.091	0.541	8.606	0.637	79.90
17.80%	17.80%-18.00%	4.33	8.043	0.538	8.567	0.635	79.59
17.60%	17.60%-17.80%	4.28	7.995	0.535	8.536	0.633	79.21
17.40%	17.40%-17.60%	4.23	7.946	0.532	8.512	0.631	78.76
17.20%	17.20%-17.40%	4.19	7.916	0.529	8.473	0.628	78.74
17.00%	17.00%-17.20%	4.14	7.866	0.526	8.431	0.626	78.44

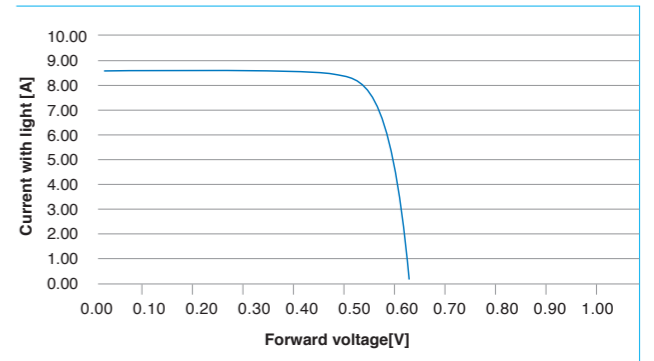
## 多晶硅太阳能电池



## 光谱响应



## I-V 曲线



## 弱光性能

Illumination intensity [W/m <sup>2</sup> ]	Vpm	Ipm
1000	1.000	1.000
800	0.990	0.800
600	0.978	0.600
200	0.930	0.200
100	0.900	0.100
60	0.878	0.060
30	0.848	0.030
15	0.818	0.015