

## Features

Combine IBC and TOPCon technology

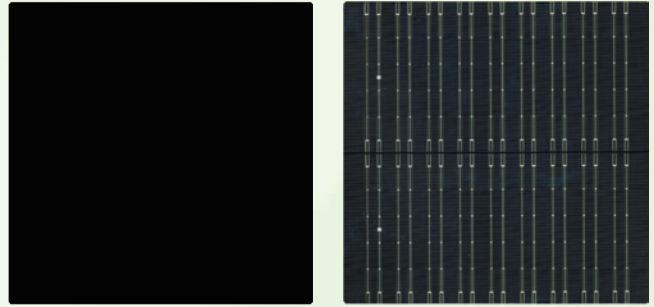
Pure Appearance

N-Type cell has ZERO LID

Excellent Temperature Coefficient

Anti-PID

9BB Cell



## Electrical Parameters

Efficiency(%)	Pmpp(WP)	Vmpp(V)	Impp(A)	Voc(V)	Isc(A)	FF(%)
25.90-26.00	7.48	0.624	11.994	0.727	12.408	82.97
25.80-25.90	7.46	0.623	11.967	0.726	12.404	82.79
25.70-25.80	7.43	0.622	11.940	0.725	12.401	82.6
25.60-25.70	7.40	0.621	11.912	0.724	12.388	82.48
25.50-25.60	7.37	0.62	11.885	0.723	12.379	82.33
25.40-25.50	7.34	0.619	11.858	0.722	12.369	82.19
25.30-25.40	7.31	0.618	11.830	0.721	12.364	82.01
25.20-25.30	7.28	0.609	11.957	0.72	12.357	81.85
25.10-25.20	7.25	0.608	11.930	0.72	12.335	81.67
25.00-25.10	7.22	0.607	11.902	0.719	12.321	81.55
24.90-25.00	7.20	0.606	11.874	0.718	12.313	81.39
24.80-24.90	7.17	0.605	11.845	0.718	12.289	81.22
24.70-24.80	7.14	0.604	11.817	0.717	12.278	81.08
24.60-24.70	7.11	0.603	11.789	0.716	12.274	80.89
24.50-24.60	7.08	0.602	11.760	0.715	12.274	80.67

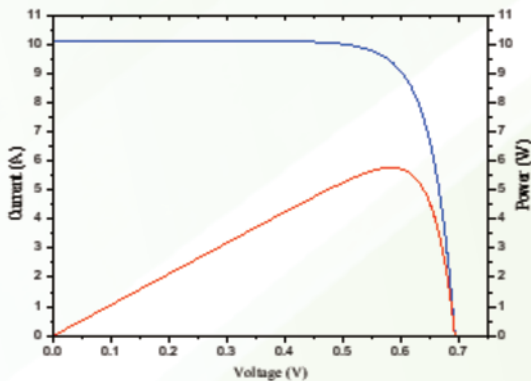
## Mechanical Parameters

Dimension	(170±0.25)mm*(170±0.25)mm
Thickness	140μm+20μm/-10μm
Front(+)	front without busbar, blue anti-reflection coating(silicon nitride)
Back(-)	0.2mm 9 busbars(silver), blue anti-reflection coating(silicon nitride)

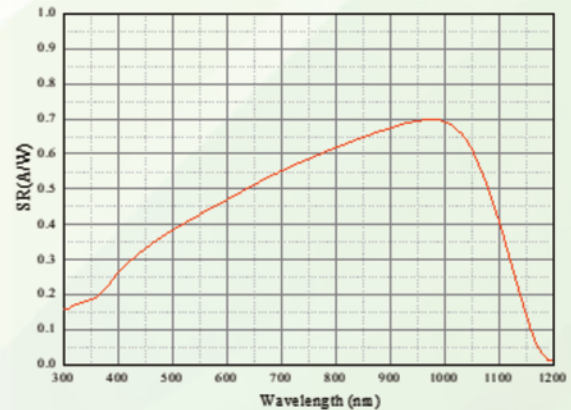
## Temperature Characteristics (STC)

Voc	%/°C	-0.25
Isc	%/°C	+0.042
Pmax	%/°C	-0.29

## I-V Curves



## Spectral Response (SR)



青海黄河上游水电开发有限责任公司西宁太阳能电力分公司  
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## 产品特性

叠加IBC及TOPCon双重优势

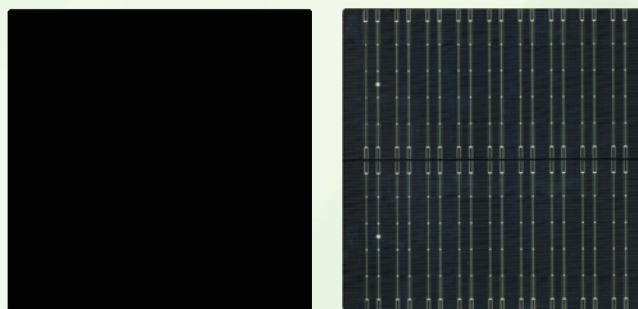
正面纯黑外观

N型电池片无光致衰减

优异的温度系数

无电致诱导衰减

9栅线电池



## 电性能参数

转换效率(%)	最大功率(WP)	最大功率点电压(V)	最大功率点电流(A)	开路电压(V)	短路电流(A)	填充因子(%)
25.90-26.00	7.48	0.624	11.994	0.727	12.408	82.97
25.80-25.90	7.46	0.623	11.967	0.726	12.404	82.79
25.70-25.80	7.43	0.622	11.940	0.725	12.401	82.6
25.60-25.70	7.40	0.621	11.912	0.724	12.388	82.48
25.50-25.60	7.37	0.62	11.885	0.723	12.379	82.33
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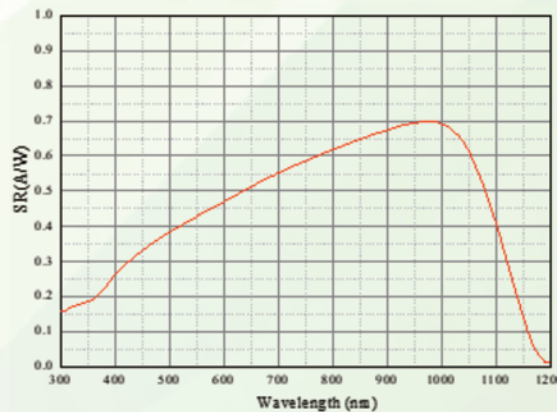
## 机械性能

尺寸	(170±0.25)mm*(170±0.25)mm
厚度	140μm+20μm/-10μm
正电极(+)	正面无栅线, 蓝色氮化硅减反射涂层
背电极(-)	0.13mm宽, 9栅银线, 蓝色氮化硅减反射涂层

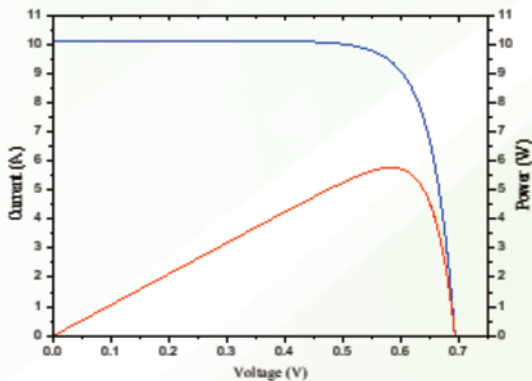
## 温度系数(STC)

Voc	%/°C	-0.25
Isc	%/°C	+0.042
Pmax	%/°C	-0.29

## 光谱响应(SR)



## 电流-电压曲线



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