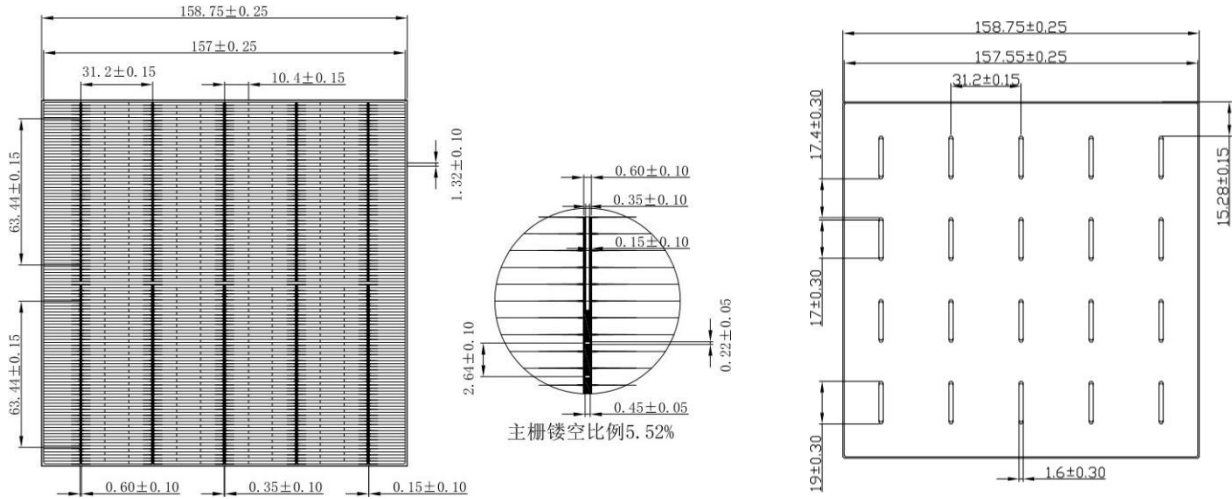




# SS-M158.75

## 5BB PERC +SE Mono Crystalline Silicon Solar Cells

### Solar Cells SPC (Half/Full )



### Our Products' Advantage

- Refined production process, average conversion efficiency reach to 22.40%, the highest efficiency reach to 22.60%, the highest output power of panels reach to 400W& above .
- Use the SE workmanship to ensure a better short-wave response.
- The electric injection can reduce the Light Induced Degradation to solar cells , ensure the long-term stability of the panels .
- Automatic color sorting ensures uniform color on the surface of cells and makes the panels more beautiful & durable .
- Monitor the whole process from the wafer's coming to the transportation of the completed cells , to ensure the high quality and high performance of the products.

MECHANICAL DATA AND DESIGN		TEMPERATURE COEFFICIENT	
Format	158.75mm ±0.25 mm Rectangular	TkUoc	- 0.36%/K
Thickness	190µm± 20µm	Tklsc	+ 0.07%/K
Front(-)	5*0.6±0.10mm Busbars (Silver),120 Finger grids, Blue anti-reflecting coating(Silicon nitride)	TkPmax	- 0.38%/K
Back(+)	5*1.6±0.30mm Busbars(Silver),Back surface field(Aluminum)	Rsh ≥30 Ω, Irev2 ≤1.0A	

## Electrical Performance

Item No.	Eff(%)	Pmpp(W)	Umpp(V)	Imp(A)	Uoc(V)	Isc(A)
SS-158.75M-226	22.6%	5.67	0.584	9.685	0.685	10.185
SS-158.75M-225	22.5%	5.65	0.583	9.672	0.684	10.173
SS-158.75M-224	22.4%	5.63	0.582	9.658	0.683	10.152
SS-158.75M-223	22.3%	5.61	0.581	9.645	0.682	10.134
SS-158.75M-222	22.2%	5.59	0.580	9.637	0.681	10.091
SS-158.75M-221	22.1%	5.57	0.579	9.620	0.680	10.079
SS-158.75M-220	22.0%	5.54	0.578	9.584	0.679	10.056
SS-158.75M-219	21.9%	5.52	0.577	9.567	0.678	10.035
SS-158.75M-218	21.8%	5.49	0.576	9.531	0.677	10.019
SS-158.75M-217	21.7%	5.47	0.575	9.513	0.676	10.002
SS-158.75M-216	21.6%	5.44	0.574	9.477	0.675	9.982
SS-158.75M-215	21.5%	5.42	0.573	9.458	0.674	9.972
SS-158.75M-214	21.4%	5.39	0.571	9.439	0.673	9.962
SS-158.75M-213	21.3%	5.37	0.569	9.438	0.672	9.950

Standard Test condition: Intensity=1000w/m<sup>2</sup>, Spectrum=Am1.5, Temperature=25°C

Specification subject to technical updates & tests. Sing Solar reserves the right of final interpretation

### CONTACT US:

TEL : +86(0)551 67689379

Web: [www.sing-solar.com](http://www.sing-solar.com)

Add: No.97, Changsong Avenue, Demonstration area of Circular Economy, Hefei  
 -230000, China