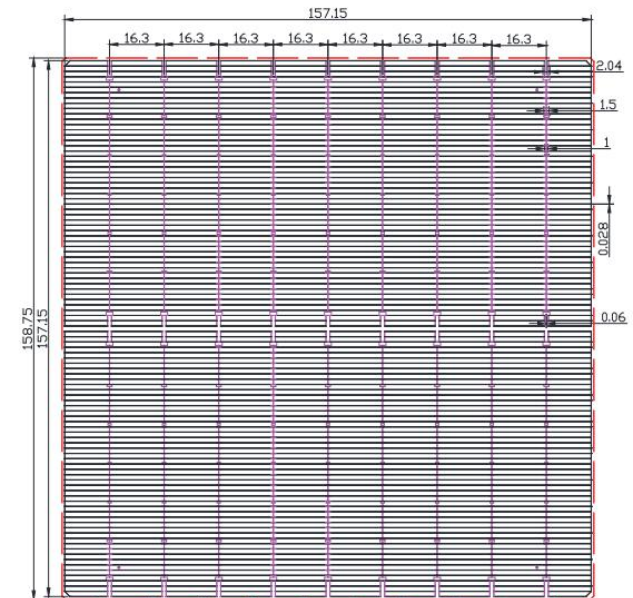
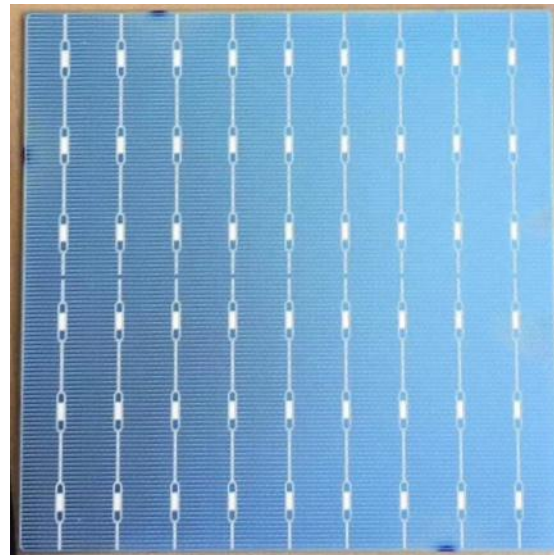
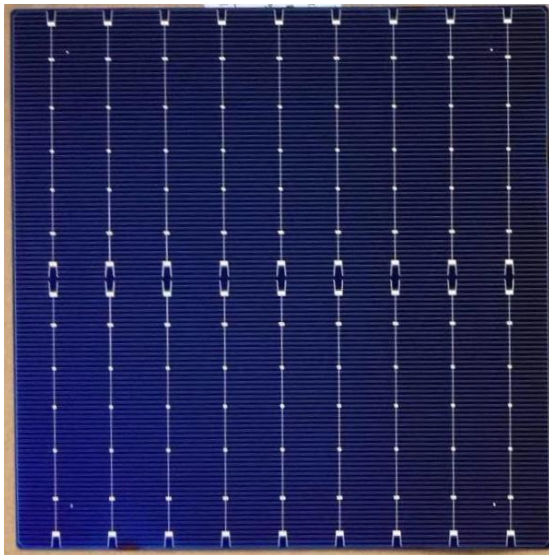




**Allesun New Energy Vietnam Co.,Ltd.**

## **158.75 Bifacial Mono Solar Cell 9BB**

### **Product Appearance**



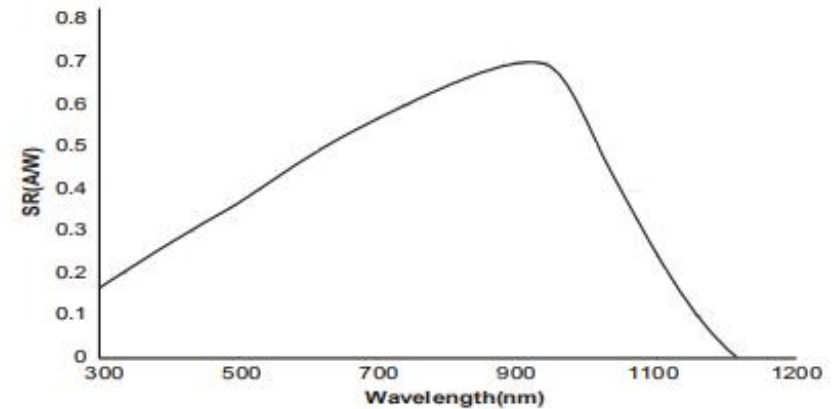
## Technical Data and Design

<b>Dimension</b>	158.75*158.75±0.25
<b>Thickness</b>	170±20μm
<b>Front</b>	0.06mm±0.01mm wide bus bars
<b>Back(+)</b>	0.06mm±0.01mm wide bus bars

## Temperature Coefficients

<b>TkVoc (%/K)</b>	<b>-0.30</b>
<b>TkIsc(%/K)</b>	<b>+0.048</b>
<b>TkP<sub>MAX</sub>(%/K)</b>	<b>-0.35</b>

## Spectral Response

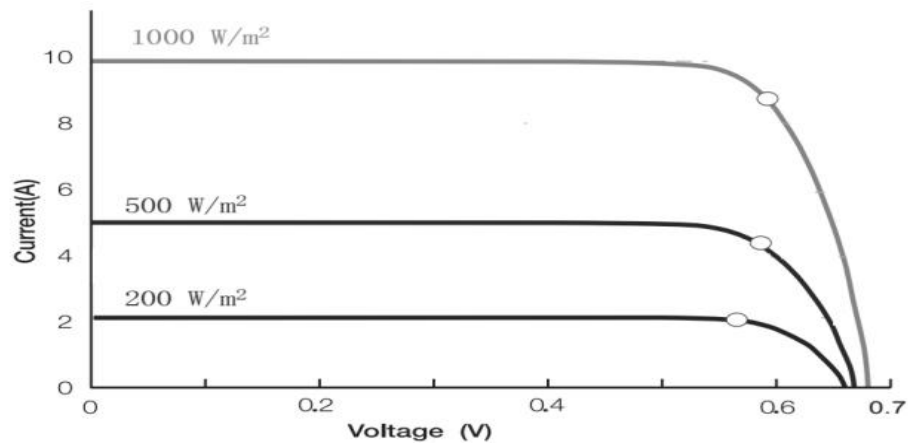


## Light Intensity dependence

Intensity( $\text{W}/\text{m}^2$ )	Voc	Isc
1000	1.0	1.0
900	0.99	0.9
800	0.99	0.8
600	0.98	0.6
400	0.96	0.4

Take the Voc (Isc) at  $1000\text{W}/\text{m}^2$  as the standard, test the range of Voc(Isc) decrease with light intensity.

## IV Curve



## Electrical Performance

<b>Efficiency Code</b>	<b>Efficiency(%)</b>	<b>P<sub>mpp</sub>(W)</b>	<b>V<sub>mpp</sub>(V)</b>	<b>I<sub>mpp</sub>(A)</b>	<b>V<sub>oc</sub>(V)</b>	<b>I<sub>sc</sub> (A)</b>
AV-158.75/9M-228	22.80%	5.75	0.585	9.739	0.695	10.219
AV-158.75/9M-227	22.70%	5.72	0.584	9.713	0.694	10.204
AV-158.75/9M-226	22.60%	5.70	0.583	9.686	0.693	10.192
AV-158.75/9M-225	22.50%	5.67	0.582	9.659	0.692	10.182
AV-158.75/9M-224	22.40%	5.64	0.581	9.631	0.691	10.165
AV-158.75/9M-223	22.30%	5.62	0.580	9.604	0.690	10.151
AV-158.75/9M-222	22.20%	5.59	0.579	9.594	0.689	10.131
AV-158.75/9M-221	22.10%	5.57	0.578	9.583	0.688	10.126
AV-158.75/9M-220	22.00%	5.54	0.577	9.572	0.687	10.104

STC (Standard Testing Conditions):1000W/m<sup>2</sup>,AM1.5,25 °C

Technical parameters above-mentioned subjects to technical changes and tests.