

## Physics Properties :

<b>Dimension</b>	<b>166 mm × 166 mm ± 0.5 mm</b>
<b>Thickness</b>	<b>150 μ m ± 18 μ m</b>
<b>Front(-)</b>	<b>9Busbars (Ag) &amp; 134 finger grids Blue anti-reflecting coating ( Silicon nitride): 1#Light+ Blue/2#Light Blue/3#Blue/4#Dark Blue</b>
<b>Back(+)</b>	<b>1.4mm ±0.3mm Busbars (Ag) &amp; 160 finger grids(Al) Blue anti-reflecting coating ( Silicon nitride)</b>

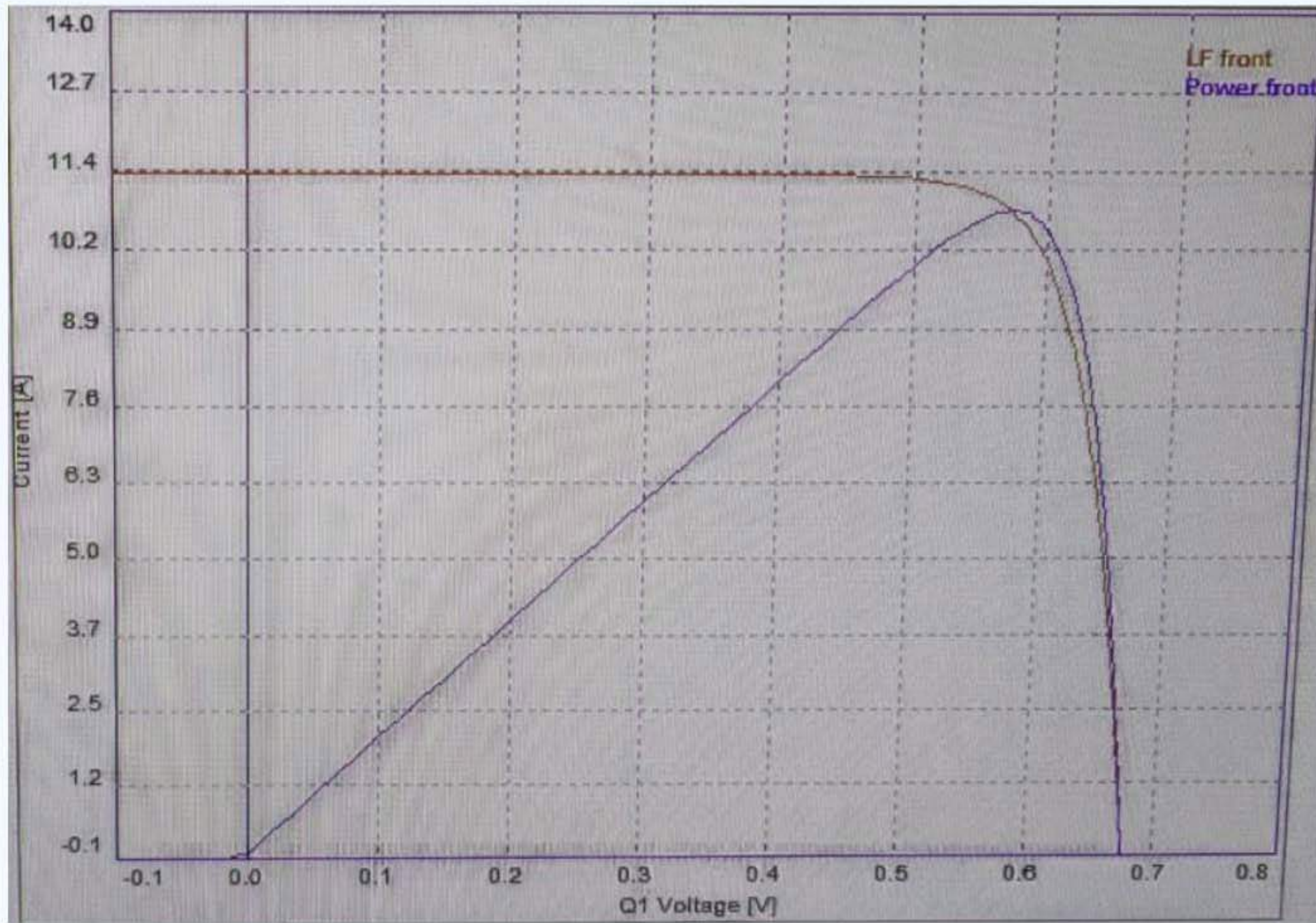
## Electric Properties:

MODEL(%)	Power Pmpp(W)	Max.Power CurrentImpp(A)	Short Circuit Current Isc(A)	Max.Power VoltageVmpp(V)	Open CircuitVoltageVoc(V)
23.0% (H) UOC	6.31	10.823	11.318	0.583	0.686
23.0% (L) UOC	6.31	10.879	11.384	0.58	0.682
22.9% (H) UOC	6.28	10.772	11.299	0.583	0.685
22.9% (L) UOC	6.28	10.846	11.365	0.579	0.681
22.8% (H) UOC	6.25	10.739	11.279	0.582	0.684
22.8% (L) UOC	6.25	10.813	11.346	0.578	0.68
22.7% (H) UOC	6.22	10.706	11.260	0.581	0.683
22.7% (L) UOC	6.22	10.780	11.326	0.577	0.679
22.6% (H) UOC	6.2	10.690	11.285	0.58	0.682
22.6% (L) UOC	6.2	10.764	11.334	0.576	0.678
22.5% (H) UOC	6.17	10.656	11.281	0.579	0.68
22.5% (L) UOC	6.17	10.730	11.332	0.575	0.676
22.4% (H) UOC	6.14	10.623	11.262	0.578	0.679
22.4% (L) UOC	6.14	10.697	11.312	0.574	0.675
22.3% (H) UOC	6.11	10.589	11.242	0.577	0.678
22.3% (L) UOC	6.11	10.663	11.292	0.573	0.674



Standard Testing Conditions(STC): Light 1000 W/m<sup>2</sup>, Spectrum AM 1.5, Temperature 25 °C

## IV Curve :



## Intensity reliability :

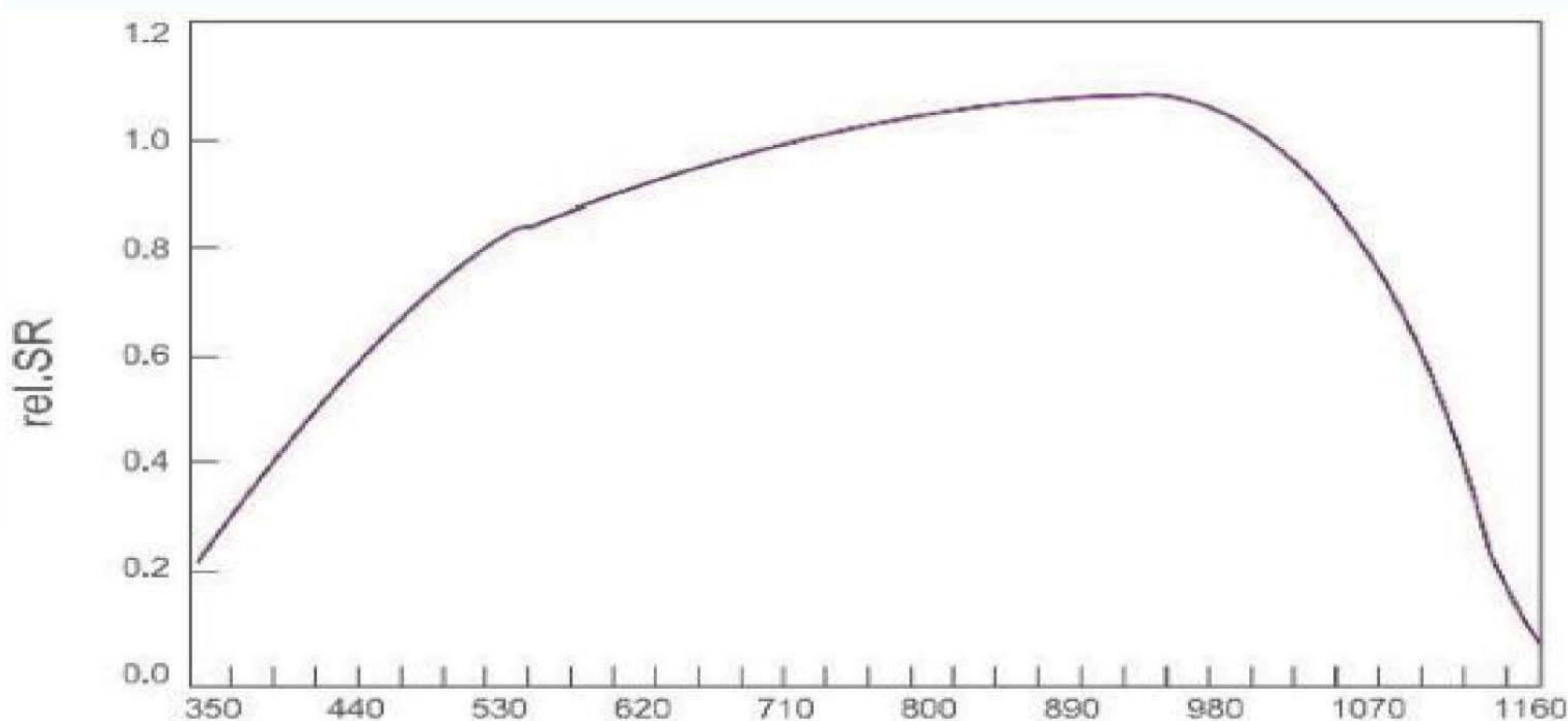
Intensity [W/m <sup>2</sup> ]	Isc*	Voc*
1000	1.0	1.000
900	0.9	0.996
500	0.5	0.969
300	0.3	0.947
200	0.2	0.928

\*Ratio of Voc(Isc) at reduced intensity to Voc(Isc) at 1000 W/m<sup>2</sup>

## Temperature Coefficients:

Voltage( Voc) -0.346%/K    Current( Isc) +0.036 %/K    Power(Pmax) -0.46%/K

## Spectral response :

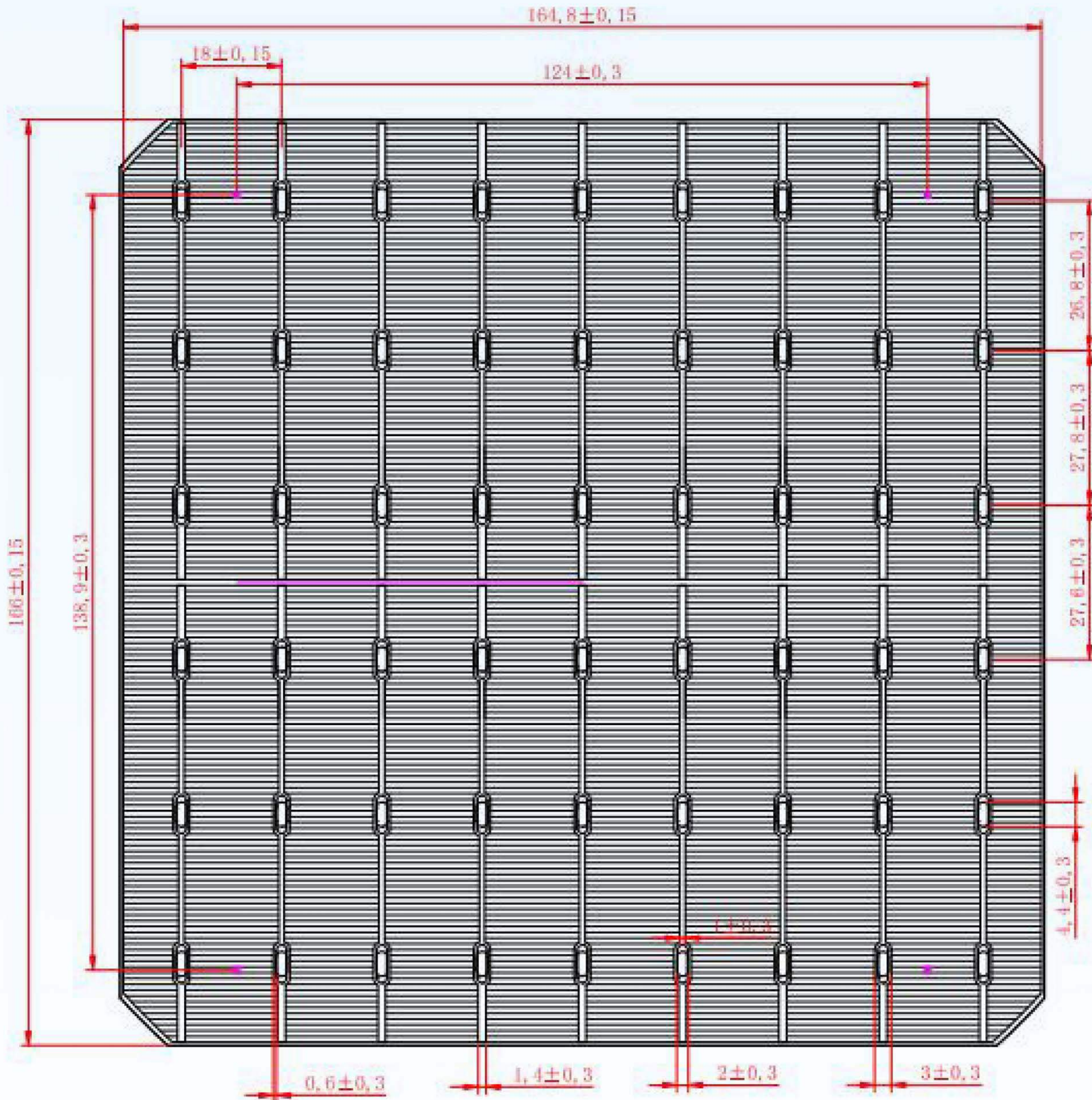








**Back:**





## Package

Solar Cells should be properly packed and protected, to avoid damage during transportation. The outer box is a carton, and the inner package is pearl cotton.  
1920 pieces per box, 6 boxes per layer, 4 layer per wooden pallet, totally 46080 pieces.

## Color

The solar cells are divided into 4 colors **1#Light+ Blue/2#Light Blue/3#Blue/4#Dark Blue**

## Precaution

- A. Please do not touch solar cell directly with barer hands without gloves.
- B. Please be careful and avoid rough touch to prevent damage and micro crack.
- C. Please avoid exposure to chemicals and corrosive gas.
- D. Please avoid scratching solar cells' surface.

## Storage

Please utilize solar cells as soon as possible once the original sealed package is opened. Please avoid exposure of solar cell in the air.  
Please store solar cells with original sealed packing, with air condition of  $20\pm 5$  °C temperature and humidity controlled below 60%.

## Humidity Resistance

Solar cells should be well stored to avoid humidity and covered with glass, waterproof films, resin to maintain long-term reliability.

## Others

Further negotiation of this specification or testing methods should be determined with both parties in good faith upon mutual consultation.