

## M182B10B

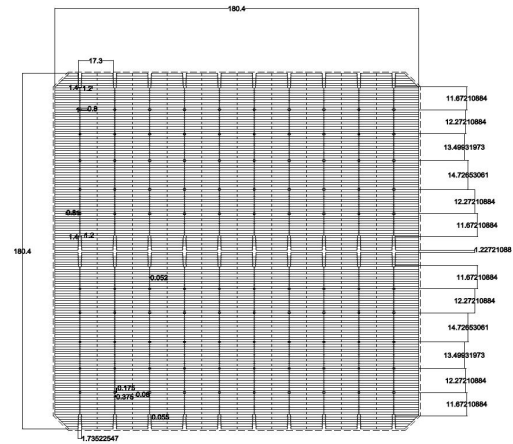
### Monocrystalline Bifacial cells

<b>Dimension</b>	182/182.2mm*182/182.2mm±0.25mm
<b>Diagonal</b>	247mm±0.5mm
<b>Thickness(Si)</b>	150µm±20µm
<b>Front</b>	10 busbars(silver), width 0.1±0.02mm 172 finger grids Blue anti-reflecting coating(silicon nitride)
<b>Back</b>	width of back electrode(silver) 2.7±0.3mm, finger grids(aluminum), dotted laser design



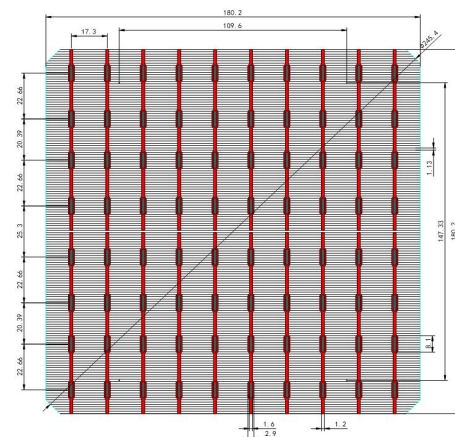
#### ► Features

- > High conversion efficiencies resulting in superior power output performance
- > Outstanding power output even in low light or high temperature conditions
- > Optimized design for ease of soldering and lamination
- > Long-term stability, reliability and performance
- > Low breakage rate
- > Uniform Color



#### ► Production and Quality Control

- > Precision cell efficiency sorting procedures
- > Stringent criteria for color uniformity and appearance
- > Reverse current and shunt resistance screening
- > ISO9001, ISO14001 and OHSAS 18001 certificated
- > Calibrated against Fraunhofer ISE



\*See the reverse side for more detail.

#### Sunlike Solar Co.,Ltd

No.509, Datong Road, Wuxi, Jiangsu, China

Tel: 0086-510-88990686

Email: solar@sunlikesolar.com

Website: <http://www.sunlikesolar.com>

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## ► Electrical Performance

Eff Code	Eff Range	Max. Power	Max. Power Current	Short Circuit Current	Max. Power Voltage	Open Circuit Voltage
(%)	(%)	Ppm(W)	Imp(A)	Isc(A)	Vmp(V)	Voc(V)
23.6	23.6~23.7	7.79	12.687	13.458	0.614	0.697
23.5	23.5~23.6	7.76	12.680	13.445	0.612	0.696
23.4	23.4~23.5	7.73	12.672	13.429	0.610	0.694
23.3	23.3~23.4	7.69	12.669	13.412	0.607	0.693
23.2	23.2~23.3	7.66	12.661	13.400	0.605	0.690
23.1	23.1~23.2	7.63	12.648	13.394	0.603	0.689
23.0	23.0~23.1	7.59	12.629	13.358	0.601	0.688
22.9	22.9~23.0	7.56	12.621	13.341	0.599	0.687
22.8	22.8~22.9	7.53	12.613	13.324	0.597	0.687
22.7	22.7~22.8	7.49	12.584	13.300	0.595	0.686
22.6	22.6~22.7	7.46	12.581	13.285	0.593	0.686
22.5	22.5~22.6	7.43	12.578	13.278	0.591	0.685
22.4	22.4~22.5	7.40	12.564	13.278	0.589	0.679
22.3	22.3~22.4	7.36	12.538	13.269	0.587	0.678
22.2	22.2~22.3	7.33	12.537	13.257	0.585	0.678
22.1	22.1~22.2	7.30	12.524	13.249	0.583	0.677
22.0	22.0~22.1	7.26	12.510	13.240	0.580	0.676

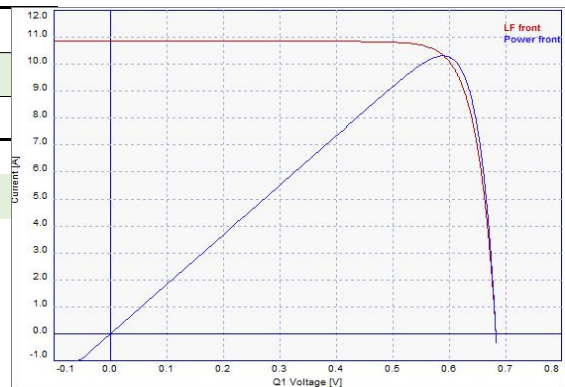
Standard test condition: AM1.5,1000W/m<sup>2</sup>,25°C Average accuracy of all tested figures is ±1.5% rel.

## ► Temperature Coefficients

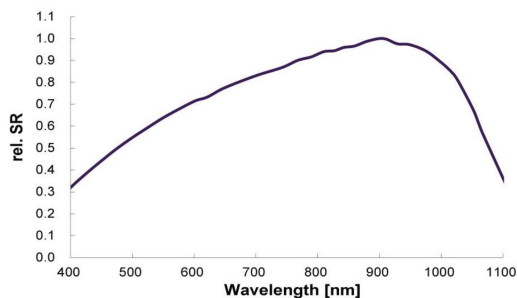
Current Temperature Coefficient	$\alpha(I_{sc})$	+0.03%/K
Voltage Temperature Coefficient	$\beta(V_{oc})$	-0.28%/K
Power Temperature Coefficient	$\gamma(P_{max})$	-0.35%/K

Standard test condition :AM1.5,1000W/m<sup>2</sup>,25°C

## ► IV Curve



## ► Spectral Response(SR)



Specifications subject to change without prior notice.

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