

## M210B12B

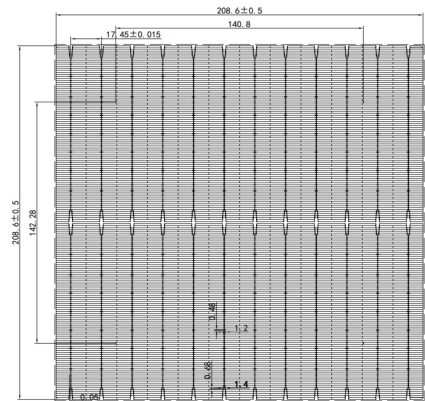
### Monocrystalline Bifacial cells

<b>Dimension</b>	210mm*210mm±0.5mm
<b>Diagonal</b>	295mm±0.5mm
<b>Thickness(Si)</b>	180μm±20μm
<b>Front</b>	12 busbars(silver), width 0.06±0.02mm
	174 finger grids
	Blue anti-reflecting coating(silicon nitride)
<b>Back</b>	width of back electrode(silver) 2.12±0.4mm, finger grids(aluminum), dotted laser design



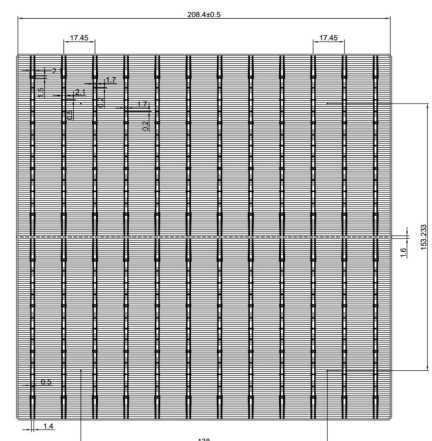
#### ► Features

- > 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.

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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)
23.2	23.2~23.3	10.23	17.280	18.206	0.592	0.691
23.1	23.1~23.2	10.19	17.261	18.186	0.590	0.690
23.0	23.0~23.1	10.14	17.216	18.166	0.589	0.689
22.9	22.9~23.0	10.10	17.206	18.140	0.587	0.688
22.8	22.8~22.9	10.05	17.151	18.125	0.586	0.687
22.7	22.7~22.8	10.01	17.140	18.108	0.584	0.686
22.6	22.6~22.7	9.97	17.101	18.088	0.583	0.685
22.5	22.5~22.6	9.92	17.074	18.062	0.581	0.685
22.4	22.4~22.5	9.88	17.064	18.049	0.579	0.684
22.3	22.3~22.4	9.83	17.036	18.030	0.577	0.682
22.2	22.2~22.3	9.79	17.026	18.016	0.575	0.681
22.1	22.1~22.2	9.75	16.986	17.995	0.574	0.680
22.0	22.0~22.1	9.70	16.958	17.976	0.572	0.678

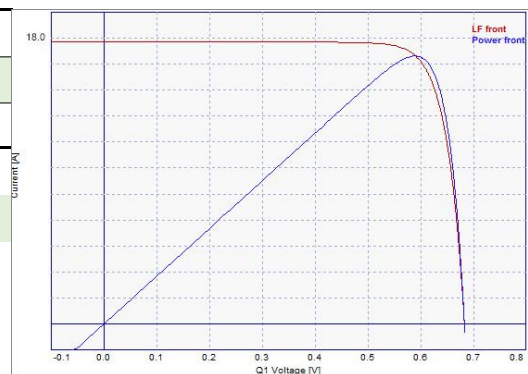
Standard test condition :AM1.5,1000W/m<sup>2</sup>,25°C      Average accuracy of all tested figures is ±1.5% rel.

### ► Temperature Coefficients

Current Temperature Coefficient	$\alpha(I_{sc})$	+0.06%/K
Voltage Temperature Coefficient	$\beta(V_{oc})$	-0.30%/K
Power Temperature Coefficient	$\gamma(P_{max})$	-0.39%/K

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

### ► IV Curve



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