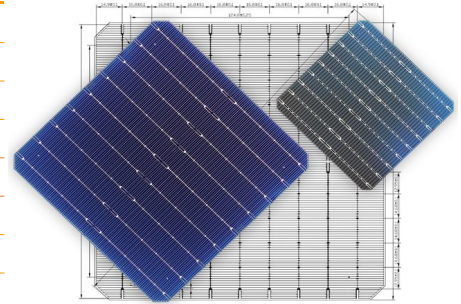


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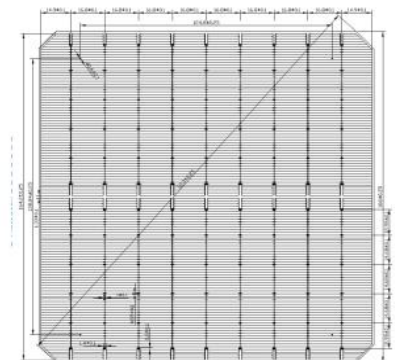
Monocrystalline Bifacial cells

Dimension	166mm*166mm±0.25mm
Diagonal	223mm±0.5mm
Thickness(Si)	170μm±25μm
Front	9 busbars(silver), width 0.1±0.03mm
	146 finger grids Blue anti-reflecting coating(silicon nitride)
Back	width of back electrode(silver) 1.3±0.25mm, finger grids(aluminum), dotted laser design



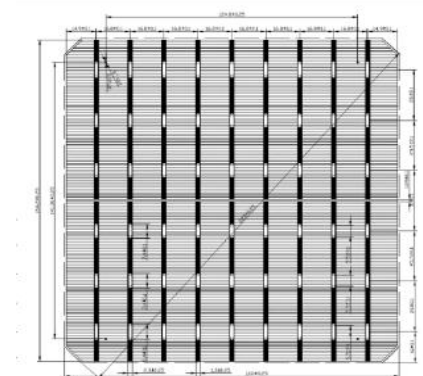
► Features

- > 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)
23.3	23.3~23.4	6.39	10.799	11.284	0.5972	0.6929
23.2	23.2~23.3	6.36	10.752	11.261	0.5915	0.6917
23.1	23.1~23.2	6.33	10.727	11.246	0.5901	0.6905
23.0	23.0~23.1	6.31	10.714	11.230	0.5886	0.6893
22.9	22.9~23.0	6.28	10.690	11.216	0.5871	0.6881
22.8	22.8~22.9	6.25	10.674	11.201	0.5856	0.6869
22.7	22.7~22.8	6.22	10.650	11.187	0.5843	0.6856
22.6	22.6~22.7	6.20	10.635	11.172	0.5826	0.6847
22.5	22.5~22.6	6.17	10.615	11.158	0.5811	0.6835
22.4	22.4~22.5	6.14	10.598	11.142	0.5795	0.6823
22.3	22.3~22.4	6.11	10.579	11.128	0.5779	0.6811
22.2	22.2~22.3	6.09	10.559	11.121	0.5764	0.6793
22.1	22.1~22.2	6.06	10.540	11.103	0.5749	0.6789
22.0	22.0~22.1	6.03	10.525	11.090	0.5731	0.6776

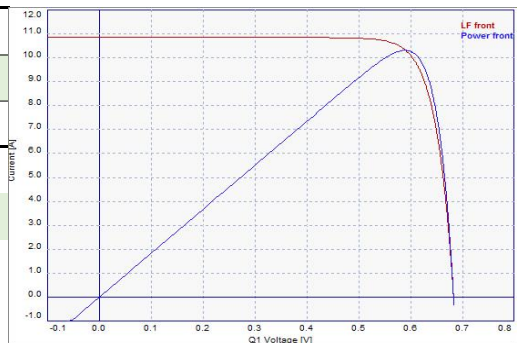
Standard test condition: AM1.5,1000W/m²,25°C Average accuracy of all tested figures is ±1.5% rel.

► Temperature Coefficients

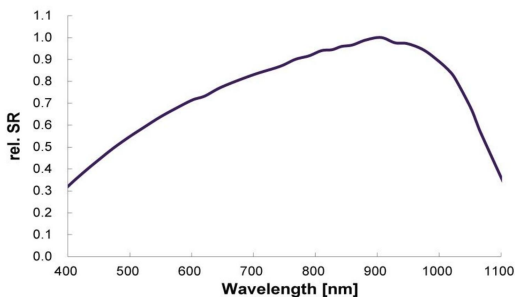
Current Temperature Coefficient	$\alpha(I_{sc})$	0.07%/°C
Voltage Temperature Coefficient	$\beta(V_{oc})$	-0.38%/°C
Power Temperature Coefficient	$\gamma(P_{max})$	-0.36%/°C

Standard test condition: AM1.5,1000W/m²,25°C

► IV Curve



► Spectral Response(SR)



Specifications subject to change without prior notice.
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