

M182B11B

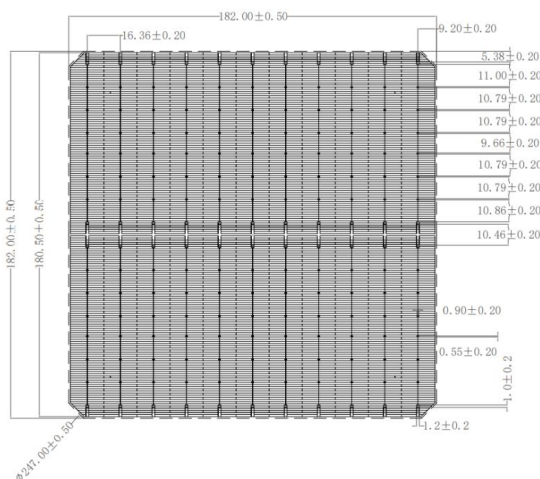
Monocrystalline Bifacial cells

Dimension	182mm*182mm±0.5mm
Diagonal	247mm±0.5mm
Thickness(Si)	170μm±20μm
Front	11 busbars(silver), width 0.1±0.02mm
	170 finger grids
	Blue anti-reflecting coating(silicon nitride)
Back	width of back electrode(silver) 1.2±0.02mm, finger grids(aluminum), dotted laser design



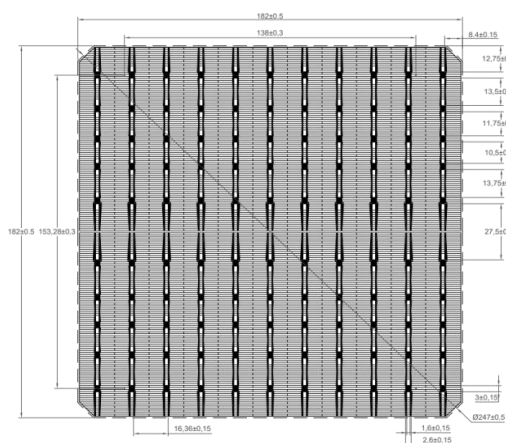
► Features

- > 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	7.66	12.50	13.56	0.613	0.690
23.1	23.1~23.2	7.63	12.47	13.53	0.612	0.689
23.0	23.0~23.1	7.59	12.43	13.50	0.611	0.688
22.9	22.9~23.0	7.56	12.40	13.48	0.610	0.687
22.8	22.8~22.9	7.53	12.35	13.45	0.610	0.687
22.7	22.7~22.8	7.49	12.32	13.42	0.608	0.686
22.6	22.6~22.7	7.46	12.29	13.41	0.607	0.686
22.5	22.5~22.6	7.43	12.25	13.40	0.607	0.685
22.4	22.4~22.5	7.40	12.21	13.39	0.606	0.679
22.3	22.3~22.4	7.36	12.17	13.36	0.605	0.678
22.2	22.2~22.3	7.33	12.12	13.35	0.605	0.678
22.1	22.1~22.2	7.30	12.10	13.34	0.604	0.677
22.0	22.0~22.1	7.26	12.05	13.32	0.603	0.676

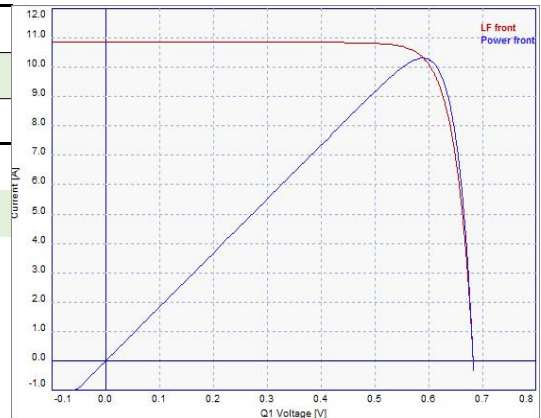
Standard test condition :AM1.5,1000W/m²,25°C Average accuracy of all tested figures is ±1.5% rel.

► Temperature Coefficients

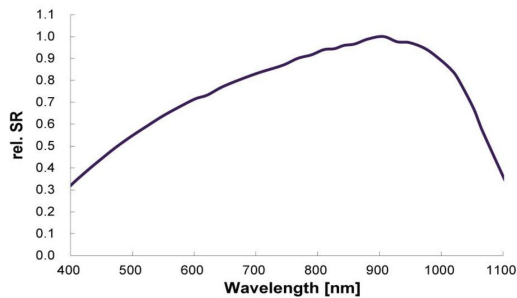
Current Temperature Coefficient	$\alpha(I_{sc})$	+0.06%/K
Voltage Temperature Coefficient	$\beta(V_{oc})$	-0.30%/K
Power Temperature Coefficient	$\gamma(P_{max})$	-0.39%/K

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

► IV Curve



► Spectral Response(SR)



Specifications subject to change without prior notice.
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