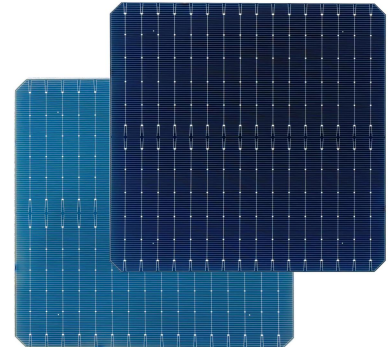


M182B16TC

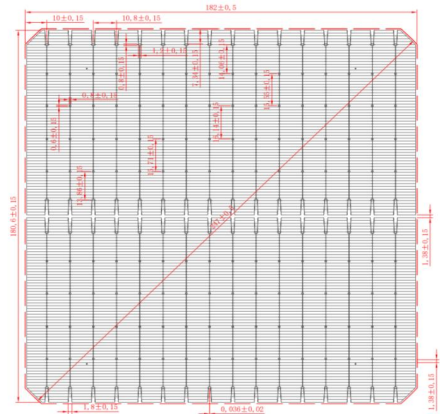
Monocrystalline Topcon cells

Dimension	182/182.2mm*182/182.2mm±0.25mm
Diagonal	247mm±0.25mm
Thickness(Si)	130μm±13μm
Front	16 busbars(silver), width 0.05±0.015mm
	160 finger grids
	Blue anti-reflecting coating (SiNx)
Back	width of back electrode(silver) 0.05±0.015mm
	Blue anti-reflecting coating (SiNx)



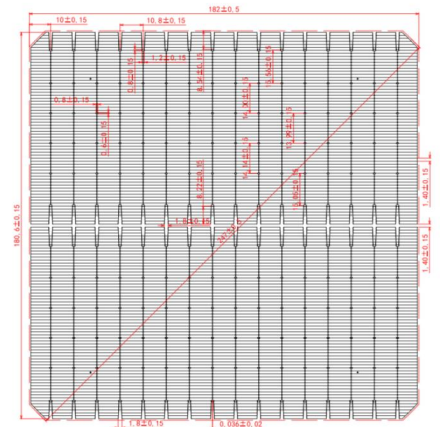
► Features

- > 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)
25.7	25.7~25.8	8.48	13.512	14.139	0.6276	0.7280
25.6	25.6~25.7	8.45	13.481	14.103	0.6268	0.7271
25.5	25.5~25.6	8.42	13.446	14.068	0.6262	0.7264
25.4	25.4~25.5	8.38	13.399	14.033	0.6254	0.7255
25.3	25.3~25.4	8.35	13.367	14.002	0.6247	0.7246
25.2	25.2~25.3	8.32	13.336	13.965	0.6239	0.7237
25.1	25.1~25.2	8.29	13.306	13.924	0.6230	0.7227
25.0	25.0~25.1	8.25	13.259	13.889	0.6222	0.7218
24.9	24.9~25.0	8.22	13.225	13.852	0.6216	0.7210
24.8	24.8~24.9	8.19	13.191	13.819	0.6209	0.7202
24.7	24.7~24.8	8.15	13.143	13.785	0.6201	0.7193
24.6	24.6~24.7	8.12	13.110	13.759	0.6194	0.7185
24.5	24.5~24.6	8.09	13.076	13.772	0.6187	0.7177
24.4	24.4~24.5	8.05	13.042	13.756	0.6180	0.7169
24.3	24.3~24.4	8.02	12.991	13.742	0.6173	0.7161
24.2	24.2~24.3	7.99	12.955	13.690	0.6168	0.7155
24.1	24.1~24.2	7.96	12.914	13.680	0.6164	0.7150
24.0	24.0~24.1	7.92	12.874	13.673	0.6152	0.7136

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

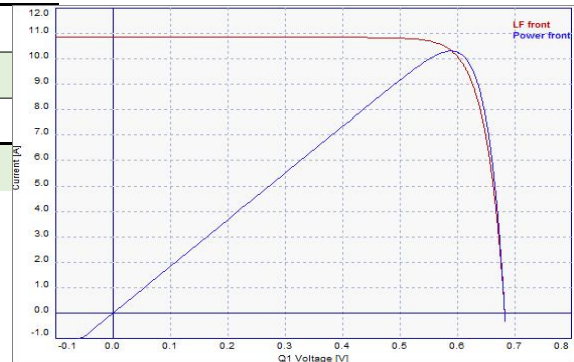
Average accuracy of all tested figures is ±1.5% rel.

► Temperature Coefficients

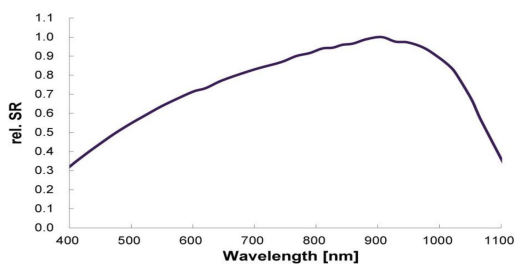
Current Temperature Coefficient	$\alpha(I_{sc})$	+0.046%/K
Voltage Temperature Coefficient	$\beta(V_{oc})$	-0.26%/K
Power Temperature Coefficient	$\gamma(P_{max})$	-0.32%/K

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

► IV Curve



► Spectral Response(SR)



Specifications subject to change without prior notice. SUNLIKE reserves the rights of final interpretation and revision of this datasheet.

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