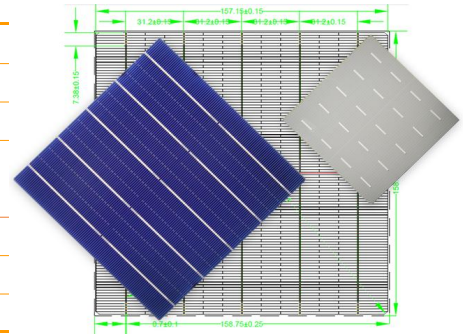


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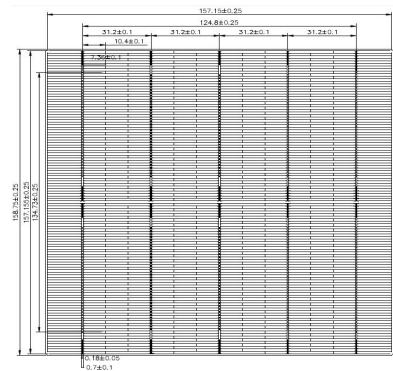
Monocrystalline Perc cells

Dimension	158.75mm*158.75mm±0.25mm
Diagonal	223mm±0.5mm
Thickness(Si)	170μm±30μm
Front	5* 0.7mm bus bars (silver) 120 finger grids Blue anti-reflecting coating (silicon nitride)
Back	Width of back electrode (silver)1.8±0.3 mm, Back surface field (aluminum)



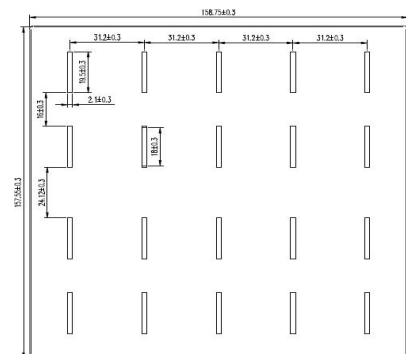
► Features

- > 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)
22.6	22.6~22.7	5.70	9.79	10.35	0.582	0.689
22.5	22.5~22.6	5.67	9.77	10.31	0.580	0.687
22.4	22.4~22.5	5.65	9.75	10.30	0.579	0.686
22.3	22.3~22.4	5.62	9.73	10.28	0.578	0.684
22.2	22.2~22.3	5.59	9.71	10.25	0.576	0.683
22.1	22.1~22.2	5.57	9.69	10.24	0.575	0.681
22.0	22.0~22.1	5.54	9.69	10.23	0.572	0.678
21.9	21.9~22.0	5.52	9.67	10.22	0.571	0.677
21.8	21.8~21.9	5.49	9.65	10.19	0.569	0.675
21.7	21.7~21.8	5.47	9.63	10.18	0.567	0.673
21.6	21.6~21.7	5.44	9.61	10.16	0.566	0.671

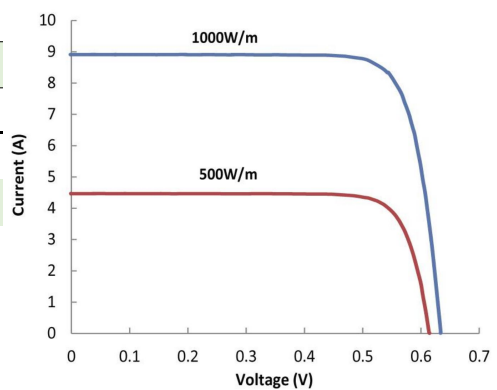
Standard test condition :AM1.5,1000W/m²,25°C Average accuracy of all tested figures is±1.5% rel.

► Temperature Coefficients

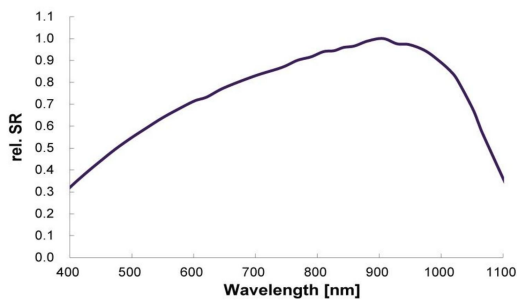
Current Temperature Coefficient	$\alpha(I_{sc})$	0.04%/°C
Voltage Temperature Coefficient	$\beta(V_{oc})$	-0.31%/°C
Power Temperature Coefficient	$\gamma(P_{max})$	-0.41%/°C

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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