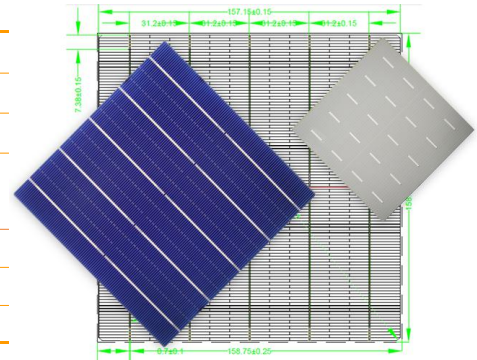


M158B5P

Monocrystalline cells

Dimension	158.75mm*158.75mm±0.25mm
Diagonal	223mm±0.5mm
Thickness(Si)	190μm±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)

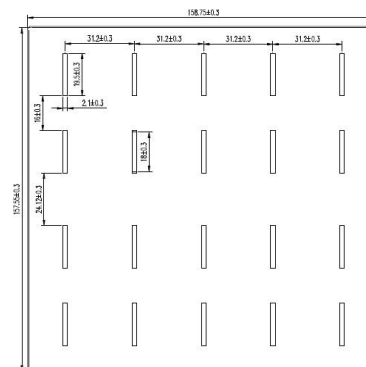
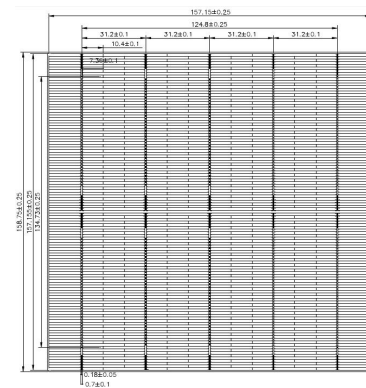


► Features

- > 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>

M158B5P

► Electrical Performance

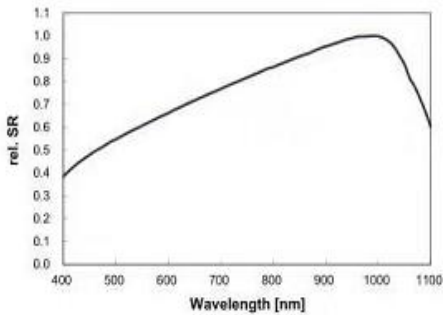
Efficiency Code		22.6	22.5	22.4	22.3	22.2	22.1
Efficiency	Eff(%)	22.60	22.50	22.40	22.30	22.20	22.10
Power	Ppm(W)	5.70	5.67	5.65	5.62	5.59	5.57
Max. Power Current	Ipm(A)	9.79	9.76	9.76	9.73	9.71	9.69
Short Circuit Current	Isc(A)	10.35	10.31	10.30	10.28	10.25	10.24
Max. Power Voltage	Vpm(V)	0.582	0.581	0.579	0.578	0.576	0.575
Open Circuit Voltage	Voc(V)	0.689	0.687	0.686	0.684	0.683	0.681
Efficiency Code		22.0	21.9	21.8	21.7	21.6	
Efficiency	Eff(%)	22.00	21.90	21.80	21.70	21.60	
Power	Ppm(W)	5.54	5.52	5.49	5.47	5.44	
Max. Power Current	Ipm(A)	9.69	9.67	9.65	9.65	9.61	
Short Circuit Current	Isc(A)	10.23	10.22	10.19	10.19	10.16	
Max. Power Voltage	Vpm(V)	0.572	0.571	0.569	0.567	0.566	
Open Circuit Voltage	Voc(V)	0.678	0.677	0.675	0.673	0.671	

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

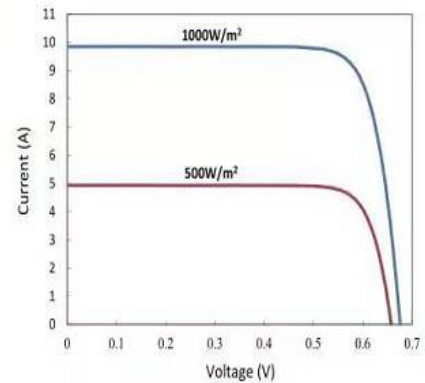
► Temperature Coefficients

Current Temperature Coefficient	$\alpha(Isc)$	0.04%/°C
Voltage Temperature Coefficient	$\beta(Voc)$	-0.31%/°C
Power Temperature Coefficient	$\gamma(Pmax)$	-0.41%/°C

► Spectral Response(SR)



► IV Curve



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

Sunlike Solar Co.,Ltd

No.509, Datong Road, Wuxi, Jiangsu, China

Tel: 0086-510-88990686

Email: solar@sunlikesolar.com

Website: <http://www.sunlikesolar.com>