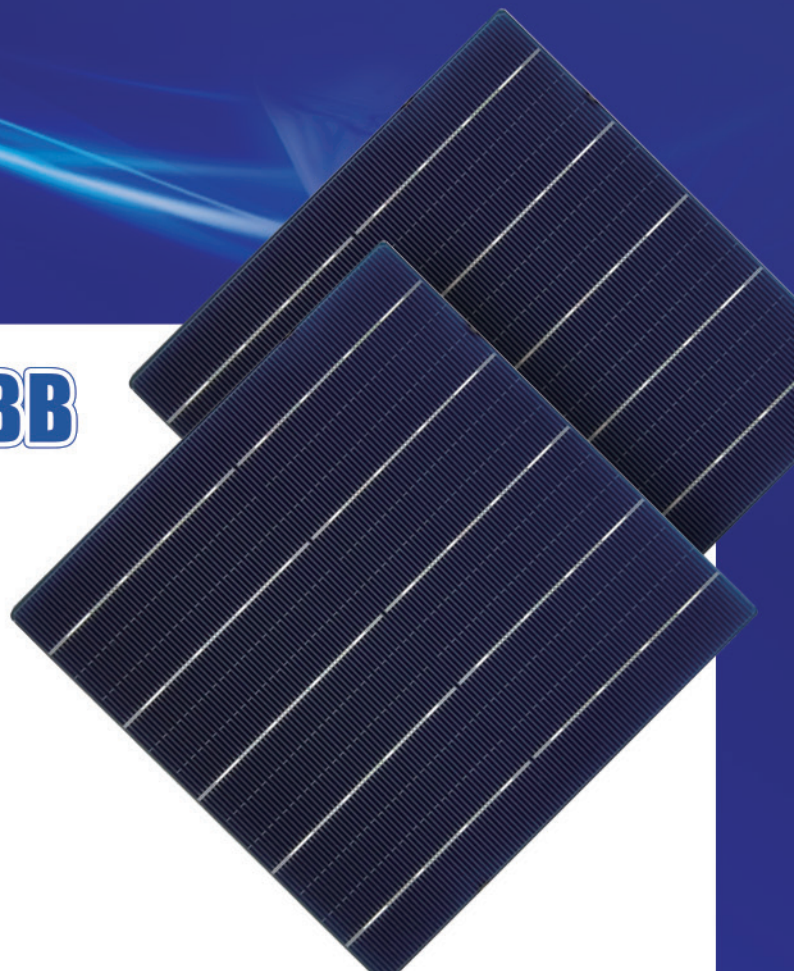


P PERC 158.75 Mono Cell

P-MONO-158.75-5BB



◆ CHARACTERISTICS

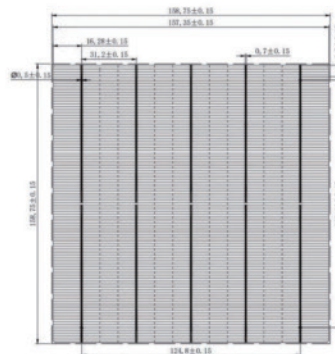
- High conversion efficiency with high reliability
- No light-induced degradation
- Uniform cell performance with stable process control
- Both sides can generate electricity
- Low mismatch of cell performance during encapsulation
- Excellent power generation performance under low irradiation
- Low hot spot effect

◆ QUALITY CONTROL

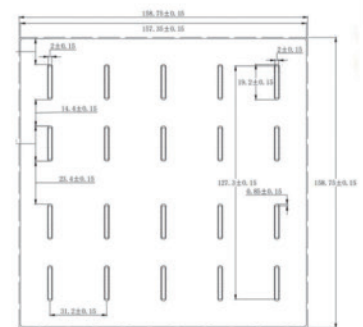
- Proper inspection through incoming production, outgoing and packaging
- Efficiency tested within $\pm 0.1\%$ accuracy
- Checked for reverse current and visual appearance
- Reference cell calibrated from Fraunhofer

◆ FEATURES

Dimension	158.75mm*158.75mm ± 0.15 mm
Thickness	180 ± 20 um
Front side	5*0.7mm Main busbar (silver)
Back side	covered by aluminum back surface field



● Front Side



● Back Side

P-MONO-158.75-5BB

Electric Performance

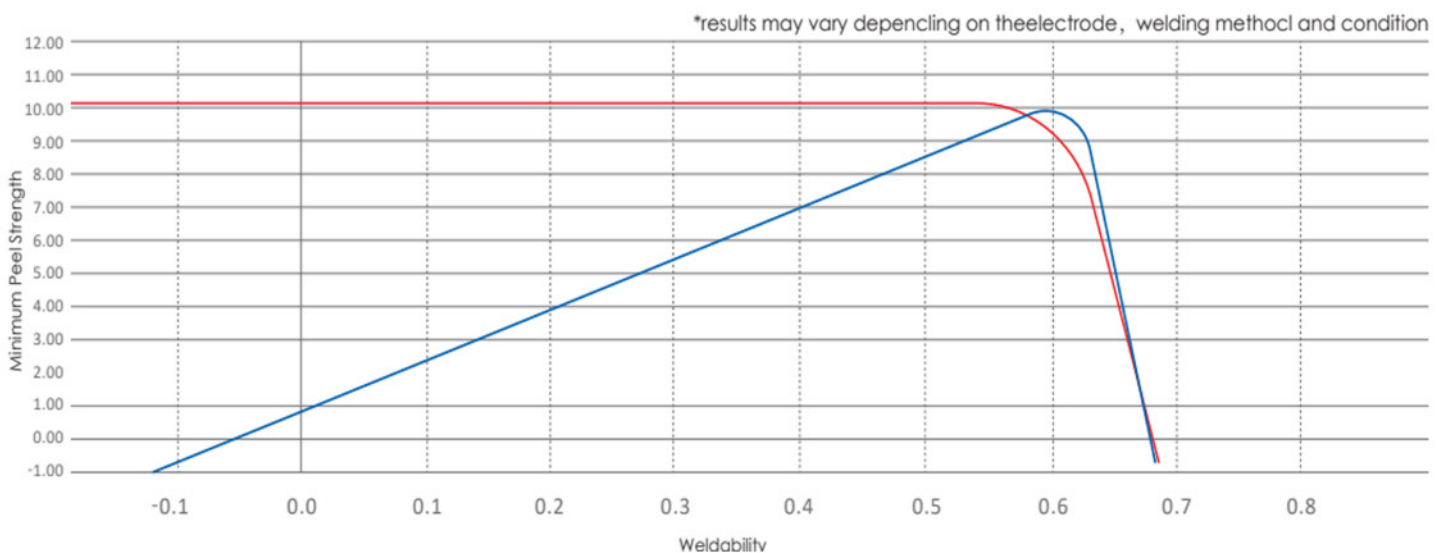
Efficiency %	Impp(A)	Pmpp(W)	Vmpp	FF (%)	Voc(V)	Isc(A)
22.8%	9.719	5.75	0.591	82.39	0.684	10.2089
22.7%	9.694	5.73	0.590	82.28	0.683	10.1906
22.6%	9.668	5.70	0.589	82.16	0.682	10.1723
22.5%	9.643	5.67	0.588	81.94	0.681	10.1592
22.4%	9.617	5.64	0.587	81.88	0.680	10.1409
22.3%	9.599	5.62	0.586	81.67	0.679	10.1331
22.2%	9.578	5.59	0.582	81.53	0.678	10.1158
22.0%	9.548	5.54	0.581	81.29	0.676	10.083

● Under standard test condition : 1000W/ m², AM 1.5G, 25°C

Temperature Coefficients

Current Temperature Coefficient	TkCurrent: +0.07 %/K
Voltage Temperature Coefficient	TkVoltage: -0.36 %/K
Power Temperature Coefficient	TkPower: -0.38 %/K

IV curve



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Specifications are subject to change without prior notice.

SolarPlus reserves the right of final interpretation.

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