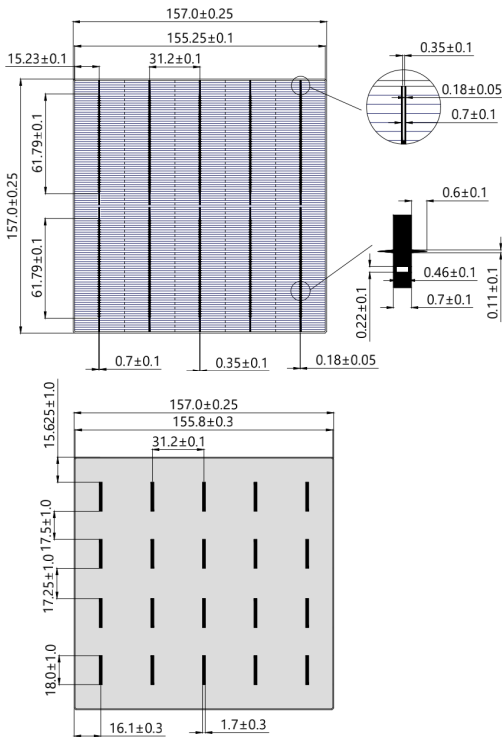




Polycrystalline solar Cells 157 x 157mm P157 5BB



Physical Characteristics

Dimension	157mm×157mm±0.25mm
Diameter	221mm±0.5mm
Thickness (si)	180/200μm±20μm
Front Side (-)	0.7±0.05mm 5 busbars(Ag),blue anti-reflecting coating(SiNx)
Back Side (+)	1.7 mm (silver) 4 discontinuous soldering pads

Temperature coefficients

Current(%/k)	0.04
Voltage(%/k)	-0.31
Power(%/k)	-0.40

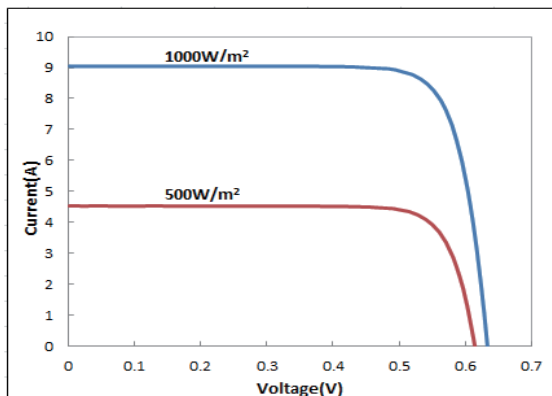
Light Intensity Dependence

Intensity(W/m ²)	Voc*	Isc*	Pmpp
1000	1.000	1.000	1.000
900	0.996	0.903	0.899
800	0.991	0.803	0.796
600	0.988	0.602	0.595
400	0.962	0.403	0.388

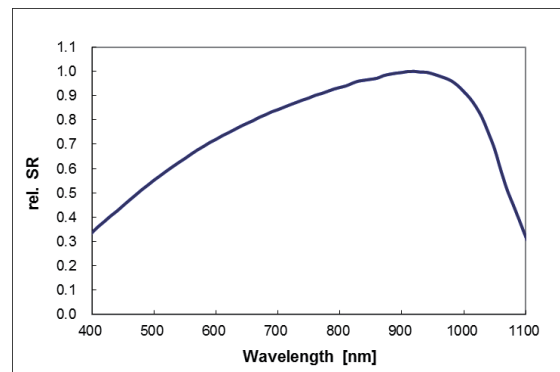
Physical Characteristics

Efficiency Range (%)	Rated Power (Wp)	*Maximum Power Voltage (V)	*Maximum Power Current (A)	*Open Circuit Voltage (V)	*Short Circuit Current (A)
19.1	4.71	0.549	8.60	0.643	9.08
19.0	4.67	0.547	8.54	0.641	9.02
18.8	4.62	0.544	8.49	0.638	8.97
18.6	4.57	0.543	8.42	0.636	8.91
18.5	4.55	0.542	8.40	0.635	8.89
18.4	4.52	0.540	8.38	0.634	8.86
18.3	4.50	0.538	8.36	0.633	8.84
18.2	4.47	0.537	8.33	0.631	8.81
18.0	4.42	0.535	8.27	0.629	8.76
17.8	4.37	0.532	8.22	0.626	8.71

IV-Curve



Spectral Response



The datasheet is for informational purposes only, for any Inquiries, please direct to General Email:Info@pogreen.com

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