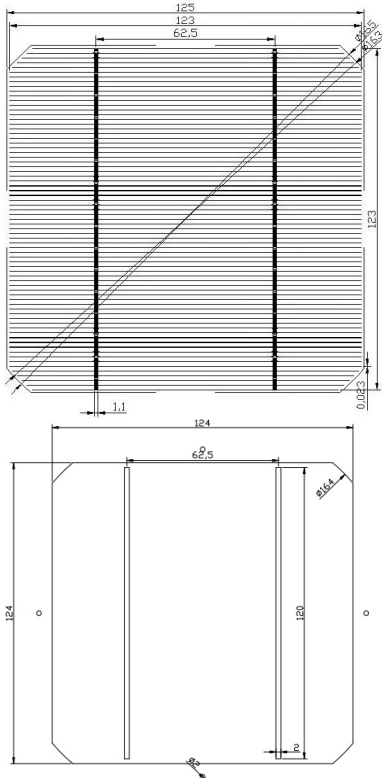




# Monocrystalline solar Cells 125 x 125mm Pseudo-Square



### Physical Characteristics

Dimension	125mm×125mm±0.5mm
Diameter	165mm±0.5mm
Thickness (si)	200µm±20µm
Front Side (-)	1.1±0.05mm busbars(Ag),blue anti-reflecting coating(SiNx)
Back Side (+)	2.0 mm (silver) discontinuous soldering pads

### Temperature coefficients

Current(%/k)	0.043
Voltage(%/k)	-0.320
Power(%/k)	-0.420

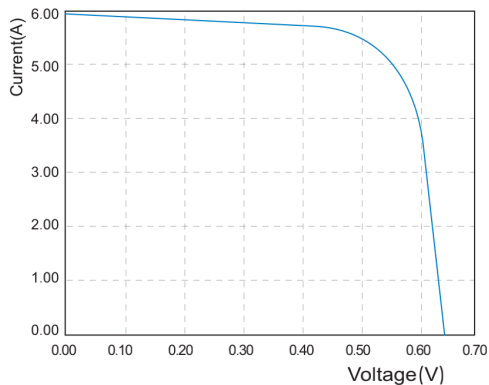
### Light Intensity Dependence

Intensity(W/m2)	Voc*	Isc*	Pmpp
1000	1	1	1
900	0.9	0.99	0.89
800	0.8	0.99	0.79
500	0.5	0.96	0.48
300	0.3	0.97	0.29

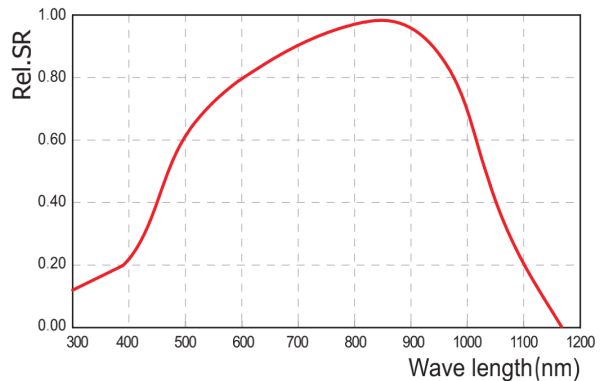
### Physical Characteristics

Efficiency Range (%)	Rated Power (Wp)	*Maximum Power Voltage (V)	*Maximum Power Current (A)	*Open Circuit Voltage (V)	*Short Circuit Current (A)
20.2	3.14	0.548	6.01	0.649	6.02
20.0	3.11	0.546	5.59	0.648	6.00
19.8	3.07	0.544	5.57	0.647	5.98
19.6	3.03	0.542	5.55	0.643	5.96
19.4	3.00	0.541	5.53	0.642	5.94
19.2	2.97	0.539	5.50	0.640	5.93
19.0	2.94	0.537	5.47	0.638	5.88

IV-Curve



Spectral Response



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

©Copyright 2019 POGREEN New Energy Co.,Ltd Specification is subject to change without notice.