

## 5" Mono-crystalline Solar Cell (Diagonal 165mm)

**Size:** 125mm x 125mm ± 0.5mm (pseudo-square)

**Diagonal:** 165mm ± 1.0mm (small round chamfers)

**Thickness (Si):** 190um ± 30um

**Features:**

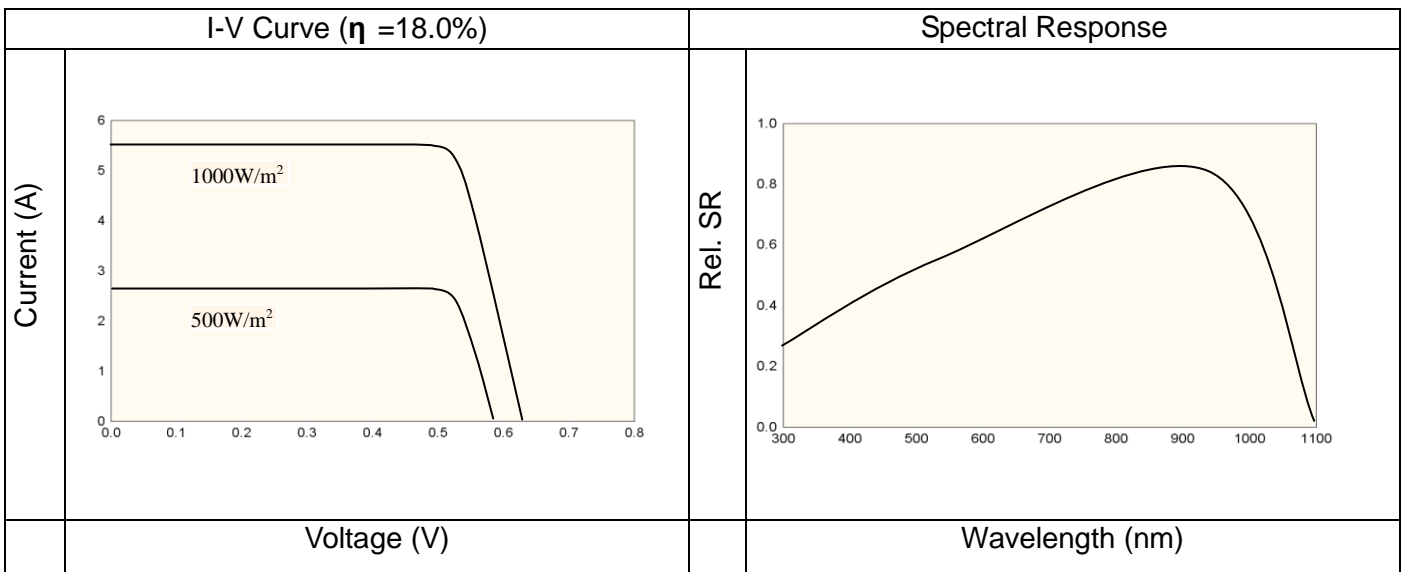
1. Blue anti-reflection coating (silicon Nitride)-front side
2. Advanced Process Technology
3. High Efficiency
4. Long Lifetime 20 years
5. No residual dark point



	Conversion Efficiency(%)	Rated power(Wp)	Maximum Power Current Ipm(A)	Maximum Power Voltage Vpm(V)	Short Circuit Current Isc(A)	Open Circuit Voltage Voc(V)
5L170	17.00-17.09	2.64	5.13	0.514	5.56	0.628
5L171	17.10-17.19	2.65	5.15	0.515	5.57	0.628
5L172	17.20-17.29	2.66	5.16	0.516	5.58	0.628
5L173	17.30-17.39	2.68	5.18	0.517	5.59	0.629
5L174	17.40-17.49	2.70	5.20	0.519	5.60	0.630
5L175	17.50-17.59	2.72	5.24	0.519	5.63	0.630
5L176	17.60-17.69	2.73	5.25	0.520	5.66	0.630
5L177	17.70-17.79	2.75	5.26	0.523	5.69	0.631
5L178	17.80-17.89	2.77	5.29	0.524	5.71	0.632
5L179	17.90-17.99	2.78	5.30	0.525	5.71	0.632
5L180	18.00-18.09	2.80	5.33	0.525	5.72	0.633
5L181	18.10-18.19	2.81	5.35	0.525	5.72	0.633
5L182	18.20-18.29	2.82	5.37	0.526	5.73	0.634
5L183	18.30-18.39	2.83	5.39	0.526	5.75	0.634
5L184	18.40-18.49	2.85	5.41	0.527	5.76	0.634
5L185	18.50-18.59	2.86	5.43	0.527	5.79	0.636
5L186	18.60-18.69	2.87	5.45	0.528	5.80	0.638

\*Under standard test condition : AM 1.5, 1000W / m<sup>2</sup>, 25°C · Average accuracy of all test is ±1.5%

\*Specifications subject to change without prior notice.



Typical Temperature Coefficients      Light Intensity Dependence

Voltage	-2.21mV/ °C	Intensity[W/m <sup>2</sup> ]	1000	800	500	300
Current	+2.48mA/ °C	Voc	100%	98.9%	96.8%	94.6%
Power	-0.45%/ °C	Isc	100%	79.9%	49.9%	29.9%

