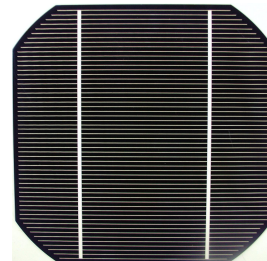


## 6" Mono-crystalline Solar Cell (Diagonal 200mm)

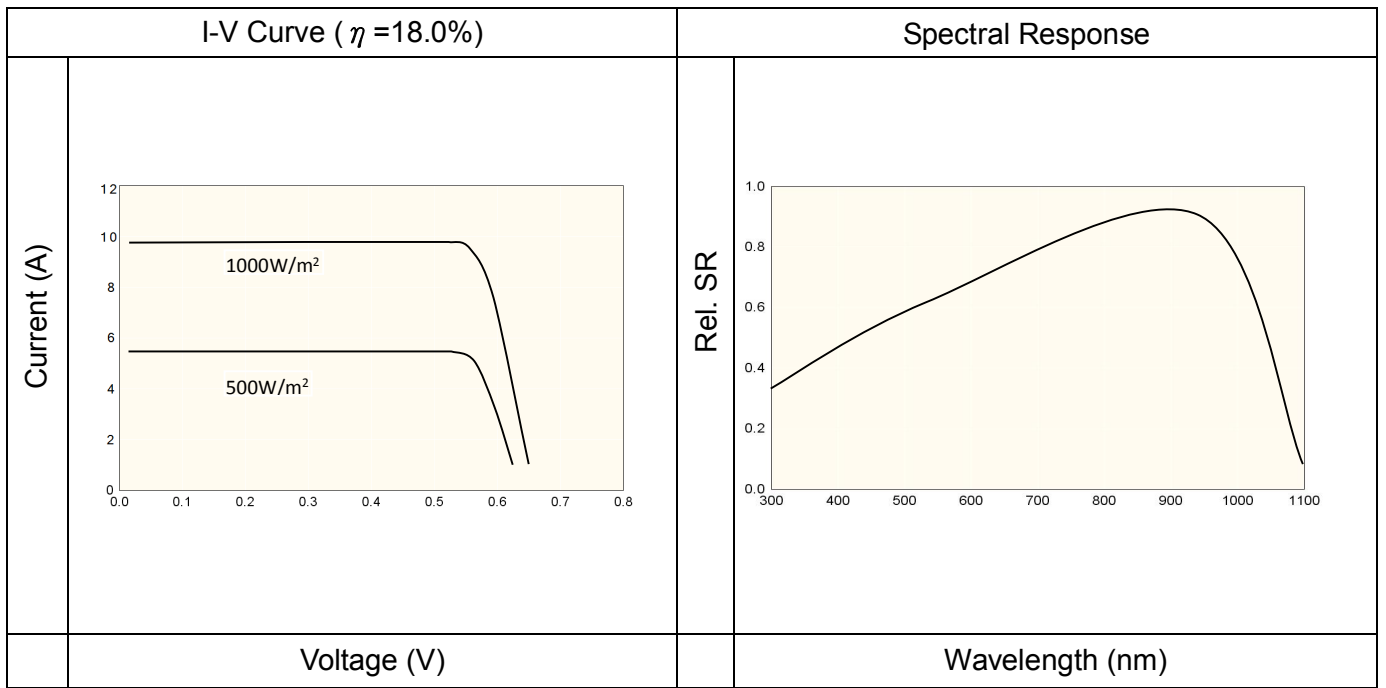
- Size: 156mm x 156mm ± 0.5mm  
 Diagonal: 200mm ± 1.0mm (round chamfers)  
 Thickness (Si): 190um ± 30um  
 Features: 1. Blue anti-reflection coating (silicon Nitride)-front side  
 2. Advanced Process Technology  
 3. High Efficiency  
 4. Long Lifetime 20 years  
 5. No residual dark point



	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)
6S170	17.00-17.09	4.07	8.04	0.506	8.76	0.620
6S171	17.10-17.19	4.09	8.06	0.507	8.77	0.621
6S172	17.20-17.29	4.11	8.10	0.508	8.78	0.622
6S173	17.30-17.39	4.14	8.14	0.509	8.80	0.623
6S174	17.40-17.49	4.17	8.16	0.511	8.82	0.624
6S175	17.50-17.59	4.19	8.18	0.512	8.84	0.625
6S176	17.60-17.69	4.21	8.21	0.513	8.86	0.626
6S177	17.70-17.79	4.24	8.23	0.515	8.88	0.627
6S178	17.80-17.89	4.26	8.25	0.516	8.89	0.628
6S179	17.90-17.99	4.28	8.28	0.517	8.90	0.628
6S180	18.00-18.09	4.31	8.31	0.519	8.92	0.629
6S181	18.10-18.19	4.33	8.32	0.520	8.93	0.630
6S182	18.20-18.29	4.35	8.35	0.521	8.96	0.631
6S183	18.30-18.39	4.38	8.39	0.522	8.99	0.632
6S184	18.40-18.49	4.40	8.42	0.523	9.02	0.633

\*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	+3.82mA/ °C		Voc	100%	98.9%	96.8%	94.6%
Power	-0.45%/ °C		Isc	100%	79.9%	49.9%	29.9%

