

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

Size: 156mm x 156mm $\pm$ 0.5mm (pseudo-square)

Diagonal: 200mm $\pm$ 1.0mm (round chamfers)

Thickness: 250um $\pm$ 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 Effeciency(%)	Rated power(Wp)	Maximum PowerCurrent(A)	Maximum PowerVoltage(V)	Short CircuitCurrent(A)	Open CircuitVoltage(V)
6S150	15.00-15.09	3.59	7.404-7.455	0.485	8.304 $\pm$ 5 %	0.613 $\pm$ 5 %
6S151	15.10-15.19	3.61	7.455-7.486	0.485	8.306 $\pm$ 5 %	0.613 $\pm$ 5 %
6S152	15.20-15.29	3.64	7.486-7.511	0.487	8.308 $\pm$ 5 %	0.614 $\pm$ 5 %
6S153	15.30-15.39	3.66	7.511-7.554	0.488	8.312 $\pm$ 5 %	0.614 $\pm$ 5 %
6S154	15.40-15.49	3.69	7.554-7.573	0.489	8.329 $\pm$ 5 %	0.614 $\pm$ 5 %
6S155	15.50-15.59	3.71	7.573-7.600	0.490	8.339 $\pm$ 5 %	0.614 $\pm$ 5 %
6S156	15.60-15.69	3.73	7.600-7.616	0.492	8.348 $\pm$ 5 %	0.614 $\pm$ 5 %
6S157	15.70-15.79	3.76	7.616-7.647	0.494	8.352 $\pm$ 5 %	0.614 $\pm$ 5 %
6S158	15.80-15.89	3.78	7.647-7.674	0.495	8.357 $\pm$ 5 %	0.614 $\pm$ 5 %
6S159	15.90-15.99	3.80	7.674-7.695	0.496	8.369 $\pm$ 5 %	0.615 $\pm$ 5 %
6S160	16.00-16.09	3.83	7.695-7.722	0.498	8.374 $\pm$ 5 %	0.616 $\pm$ 5 %
6S161	16.10-16.19	3.85	7.722-7.754	0.499	8.392 $\pm$ 5 %	0.616 $\pm$ 5 %
6S162	16.20-16.29	3.88	7.754-7.784	0.500	8.413 $\pm$ 5 %	0.617 $\pm$ 5 %
6S163	16.30-16.39	3.90	7.784-7.813	0.501	8.433 $\pm$ 5 %	0.617 $\pm$ 5 %
6S164	16.40-16.49	3.92	7.813-7.848	0.503	8.456 $\pm$ 5 %	0.618 $\pm$ 5 %
6S165	16.50-16.59	3.95	7.848-7.879	0.503	8.489 $\pm$ 5 %	0.618 $\pm$ 5 %
6S166	16.60-16.69	3.97	7.879-7.916	0.504	8.518 $\pm$ 5 %	0.619 $\pm$ 5 %
6S167	16.70-16.79	3.99	7.916-7.947	0.505	8.552 $\pm$ 5 %	0.620 $\pm$ 5 %
6S168	16.80-16.89	4.02	7.947-7.971	0.506	8.588 $\pm$ 5 %	0.621 $\pm$ 5 %

6S169	16.90-16.99	4.04	7.971-8.023	0.506	8.615±5 %	0.621±5 %
6S170	17.00-17.09	4.06	8.023-8.063	0.506	8.674±5 %	0.621±5 %
6S171	17.10-17.19	4.09	8.063-8.126	0.506	8.696±5 %	0.621±5 %
6S172	17.20-17.29	4.11	8.126-8.253	0.507	8.775±5 %	0.622±5 %
6S173	17.30-17.39	4.13	8.253-8.289	0.507	8.823±5 %	0.622±5 %
6S174	17.40-17.49	4.15	8.289-8.305	0.507	8.857±5 %	0.623±5 %
6S175	17.50-17.59	4.17	8.305-8.702	0.507	8.891±5 %	0.623±5 %
6S176	17.60-17.69	4.20	8.702-8.888	0.508	8.926±5 %	0.624±5 %
6S177	17.70-17.79	4.23	8.888-9.186	0.508	8.965±5 %	0.624±5 %
6S178	17.80-17.89	4.25	9.186-9.277	0.508	9.202±5 %	0.624±5 %
6S179	17.90-17.99	4.27	9.277-9.368	0.509	9.226±5 %	0.625±5 %

*Under standard test condition : 1000W / m² , AM 1.5 , 25

*The temperature coefficients of open-circuit voltage and peak power are $-2.2\text{mV}/^{\circ}\text{C}$ and $-4.5\%/^{\circ}\text{C}$ respectively

