

5" Mono-crystalline Solar Cell (Diagonal 150mm) Catalog

Size: 125mm x 125mm $\pm$ 0.5mm (pseudo-square)

Diagonal: 150mm $\pm$ 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)
5S150	15.00-15.09	2.24	4.14-4.25	0.476	4.82 $\pm$ 5 %	0.605 $\pm$ 5 %
5S151	15.10-15.19	2.25	4.25-4.36	0.476	4.82 $\pm$ 5 %	0.605 $\pm$ 5 %
5S152	15.20-15.29	2.27	4.36-4.41	0.482	4.88 $\pm$ 5 %	0.610 $\pm$ 5 %
5S153	15.30-15.39	2.28	4.41-4.46	0.482	4.88 $\pm$ 5 %	0.610 $\pm$ 5 %
5S154	15.40-15.49	2.30	4.46-4.53	0.486	4.96 $\pm$ 5 %	0.615 $\pm$ 5 %
5S155	15.50-15.59	2.31	4.53-4.60	0.486	4.96 $\pm$ 5 %	0.615 $\pm$ 5 %
5S156	15.60-15.69	2.32	4.60-4.64	0.492	5.02 $\pm$ 5 %	0.619 $\pm$ 5 %
5S157	15.70-15.79	2.34	4.64-4.69	0.492	5.02 $\pm$ 5 %	0.619 $\pm$ 5 %
5S158	15.80-15.89	2.35	4.69-4.70	0.496	5.06 $\pm$ 5 %	0.619 $\pm$ 5 %
5S159	15.90-15.99	2.37	4.70-4.71	0.496	5.06 $\pm$ 5 %	0.619 $\pm$ 5 %
5S160	16.00-16.09	2.38	4.71-4.73	0.500	5.09 $\pm$ 5 %	0.619 $\pm$ 5 %
5S161	16.10-16.19	2.40	4.73-4.76	0.500	5.09 $\pm$ 5 %	0.619 $\pm$ 5 %
5S162	16.20-16.29	2.41	4.76-4.78	0.502	5.10 $\pm$ 5 %	0.621 $\pm$ 5 %
5S163	16.30-16.39	2.43	4.78-4.82	0.502	5.10 $\pm$ 5 %	0.621 $\pm$ 5 %

5S164	16.40-16.49	2.44	4.82-4.83	0.508	5.12±5 %	0.622±5 %
5S165	16.50-16.59	2.46	4.83-4.84	0.508	5.12±5 %	0.622±5 %
5S166	16.60-16.69	2.47	4.84-4.85	0.508	5.12±5 %	0.622±5 %
5S167	16.70-16.79	2.49	4.85-4.86	0.508	5.12±5 %	0.622±5 %
5S168	16.80-16.89	2.50	4.86-4.87	0.512	5.16±5 %	0.624±5 %
5S169	16.90-16.99	2.52	4.87-4.88	0.512	5.16±5 %	0.624±5 %
5S170	17.00-17.09	2.53	4.88-4.92	0.512	5.20±5 %	0.625±5 %
5S171	17.10-17.19	2.55	4.92-4.96	0.512	5.20±5 %	0.625±5 %
5S172	17.20-17.29	2.56	4.96-4.99	0.514	5.24±5 %	0.626±5 %
5S173	17.30-17.39	2.57	4.99-5.02	0.514	5.24±5 %	0.626±5 %
5S174	17.40-17.49	2.58	5.02-5.05	0.514	5.32±5 %	0.627±5 %
5S175	17.50-17.59	2.60	5.05-5.08	0.514	5.32±5 %	0.627±5 %
5S176	17.60-17.69	2.61	5.08-5.12	0.516	5.36±5 %	0.627±5 %
5S177	17.70-17.79	2.63	5.12-5.16	0.516	5.36±5 %	0.627±5 %
5S178	17.80-17.89	2.64	5.16-5.17	0.520	5.42±5 %	0.630±5 %
5S179	17.90-17.99	2.66	5.17-5.18	0.520	5.42±5 %	0.630±5 %

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

*The temperature coefficients of open-circuit voltage and peak power are -2.2mv/°C and -.45%/°C respectively

