

6' Poly-Crystalline Solar Cell

	Conversion Efficiency	Rated Power(Wp)	Max. Power Current Ipm(A)	Max. Power Voltage Vmp(V)	Short Circuit Current Isc(A)	Open Circuit Voltage Vpm(V)
N6P-1000	<10.00	<2.34	<5.17	<0.47	6.29	0.582
N6P-1100	10.00-11.00	2.56	5.45	0.470	6.51	0.582
N6P-1200	11.00-12.00	2.80	5.96	0.470	6.88	0.586
N6P-1300	12.00-13.00	3.04	6.40	0.475	7.27	0.590
N6P-1400	13.00-14.00	3.29	6.80	0.484	7.67	0.595
N6P-1425	14.00-14.25	3.44	7.05	0.488	7.86	0.598
N6P-1450	14.25-14.50	3.50	7.13	0.491	7.91	0.600
N6P-1475	14.50-14.75	3.56	7.21	0.494	7.97	0.602
N6P-1500	14.75-15.00	3.62	7.28	0.497	8.03	0.604
N6P-1525	15.00-15.25	3.68	7.37	0.499	8.09	0.606
N6P-1550	15.25-15.50	3.74	7.47	0.501	8.14	0.608
N6P-1575	15.50-15.75	3.80	7.55	0.503	8.20	0.610
N6P-1600	15.75-16.00	3.86	7.64	0.505	8.26	0.612
N6P-1625	16.00-16.25	3.92	7.73	0.507	8.31	0.614
N6P-1650	16.25-16.50	3.96	7.81	0.510	8.35	0.616
N6P-1675	16.50-16.75	4.02	7.89	0.514	8.38	0.618
N6P-1700	16.75-17.00	4.08	7.93	0.519	8.41	0.620

* STC: 1000W/m², AM 1.5, 25°C; All figures bear ±2% of tolerance

Technical Specifications

Appearance	Front-Side Silver bus bars; Blue/Purple/Brown/Silicon nitride antireflection coating Back-Side Silver/Aluminum bus bars; Full-Surface aluminum BSF
Dimensions	Size: 156mm X 156mm ± 0.5mm (pseudo-square) Area: 243.36cm ² Thickness: 200µm ± 30µm / 220µm ± 30µm
Coefficient	The coefficient of current (Alpha) is 0.075 ± 0.015%/°C The coefficient of voltage (Beta) is -0.312 ± 0.015%/°C The coefficient of power (Gamma) is -0.405± 0.05%/°C

