

## 5' 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)
N5P-1000	<10.00	<1.56	<3.86	<0.425	3.85	0.591
N5P-1100	10.00-11.00	1.64	3.98	0.437	4.19	0.596
N5P-1200	11.00-12.00	1.80	4.10	0.451	4.50	0.598
N5P-1250	12.00-13.00	1.95	4.21	0.464	4.89	0.599
N5P-1350	13.00-13.50	2.08	4.37	0.476	4.92	0.601
N5P-1400	14.00-14.50	2.19	4.50	0.486	5.12	0.602
N5P-1450	14.50-15.00	2.27	4.61	0.492	5.12	0.603
N5P-1500	15.00-15.25	2.34	4.69	0.500	5.17	0.604
N5P-1525	15.25-15.50	2.38	4.75	0.502	5.21	0.605
N5P-1550	15.50-15.75	2.42	4.81	0.504	5.24	0.606
N5P-1575	15.75-16.00	2.46	4.86	0.506	5.28	0.607
N5P-1600	16.00-16.25	2.50	4.92	0.508	5.31	0.608
N5P-1625	16.25-16.50	2.54	4.98	0.510	5.34	0.609
N5P-1650	16.50-16.75	2.58	5.04	0.512	5.37	0.610
N5P-1675	16.75-17.00	2.62	5.09	0.514	5.40	0.615

\* STC: 1000W/m<sup>2</sup>, AM 1.5, 25°C; All figures bear ±2% of tolerance

### Technical Specifications

- Appearance**      Front-Side Silicon nitride antireflection coatings, 1.6mm silver busbar  
                             Back-Side Surface aluminum; Back-Surface field, 4.3mm silver/aluminum soldering pads
- Dimensions**      Size: 125mm X 125mm ± 0.5mm (square)  
                             Thickness: 200µm ± 30µm / 220µm ± 30µm

### Production and Quality Control

- Classified efficiency grades by both minimum power and power current
- Screened for reverse current and shunt resistance
- Constant reliability monitoring, Sorted into four defined color classes

