

## 5' Mono-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)
N5M1-1000	<10.00	<1.49	<3.24	<0.460	4.07	0.585
N5M1-1100	10.00-11.00	1.56	3.35	0.465	4.19	0.587
N5M1-1200	11.00-12.00	1.92	3.66	0.467	4.98	0.589
N5M1-1300	12.00-13.00	2.00	4.18	0.469	5.08	0.606
N5M1-1400	13.00-14.00	2.08	4.24	0.485	5.12	0.608
N5M1-1425	14.00-14.25	2.16	4.43	0.487	5.16	0.611
N5M1-1450	14.25-14.50	2.20	4.48	0.488	5.18	0.613
N5M1-1475	14.50-14.75	2.24	4.55	0.489	5.20	0.613
N5M1-1500	14.75-15.00	2.28	4.68	0.490	5.22	0.614
N5M1-1525	15.00-15.25	2.32	4.73	0.491	5.23	0.615
N5M1-1550	15.25-15.50	2.36	4.79	0.492	5.25	0.616
N5M1-1575	15.50-15.75	2.40	4.82	0.498	5.28	0.618
N5M1-1600	15.75-16.00	2.44	4.87	0.501	5.28	0.618
N5M1-1625	16.00-16.25	2.48	4.90	0.506	5.28	0.618
N5M1-1650	16.25-16.50	2.52	4.96	0.507	5.36	0.621
N5M1-1675	16.50-16.75	2.56	5.02	0.509	5.42	0.623
N5M1-1700	16.75-17.00	2.59	5.04	0.514	5.45	0.625
N5M1-1725	17.00-17.25	2.63	5.09	0.517	5.47	0.626
N5M1-1750	17.25-17.50	2.67	5.14	0.519	5.50	0.627
N5M1-1775	17.50-17.75	2.71	5.17	0.524	5.53	0.628
N5M1-1800	17.75-18.00	2.75	5.22	0.527	5.56	0.628

\* 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: 125mm X 125mm ± 0.5mm (pseudo-square)  
Diagonal: 165mm ± 1.0mm (round chamfers)  
Thickness: 200µm ± 30µm / 220µm ± 30µm
- Coefficient** The coefficient of current (Alpha) is  $0.07 \pm 0.015\%/^{\circ}\text{C}$   
The coefficient of voltage (Beta) is  $-0.313 \pm 0.015\%/^{\circ}\text{C}$   
The coefficient of power (Gamma) is  $-0.41 \pm 0.05\%/^{\circ}\text{C}$

