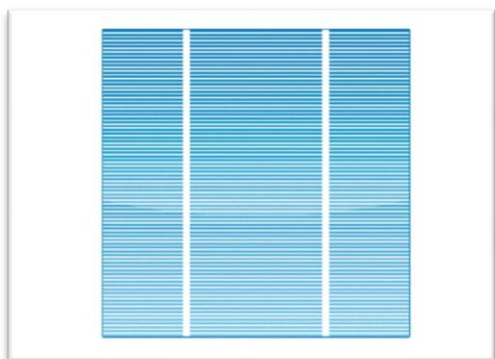




NEASE – 6" Multi-Crystalline Silicon Solar Cell



PHYSICAL CHARACTERISTICS

Dimension : 156mm x 156mm ± 1mm

Thickness : 200µm ± 40µm

Front : Silver bus bars;

Dark blue/others silicon nitride antireflection coating

Back : Silver/aluminum bus bars; Full-surface aluminum BSF

ELECTRICAL CHARACTERISTICS

Model No	Efficiency (%)	Pmax (W)	Average Pmax (W)	Imp (A)	Vmp (V)	Isc (A)	Voc (V)
Nease-1640	16.30~16.50	>3.966	>3.966	>7.605	>0.522	>8.050	>0.626
Nease-1620	16.10~16.30	3.918~3.966	3.942	7.605	0.522	8.050	0.626
Nease-1600	15.90~16.10	3.870~3.918	3.894	7.555	0.519	8.015	0.624
Nease-1580	15.70~15.90	3.821~3.870	3.845	7.505	0.516	7.980	0.622
Nease-1560	15.50~15.70	3.772~3.821	3.796	7.455	0.513	7.945	0.620
Nease-1540	15.30~15.50	3.724~3.772	3.748	7.400	0.510	7.910	0.618
Nease-1520	15.10~15.30	3.675~3.724	3.699	7.345	0.507	7.870	0.616
Nease-1500	14.90~15.10	3.626~3.675	3.650	7.295	0.504	7.835	0.614
Nease-1480	14.70~14.90	3.578~3.626	3.602	7.245	0.501	7.800	0.612
Nease-1460	14.50~14.70	3.529~3.578	3.553	7.195	0.498	7.760	0.611
Nease-1440	14.30~14.50	3.480~3.529	3.504	7.145	0.495	7.720	0.609
Nease-1400	13.80~14.30	3.373~3.480	3.437	6.905	0.492	7.685	0.607
Nease-1350	13.30~13.80	3.250~3.373	3.300	6.880	0.490	7.105	0.590

* Data under standard testing conditions (STC): 1,000W/M2, AM1.5, 25°C

* All figures bear ±5% of tolerance.

* Model name = Product code + Efficiency code, example:



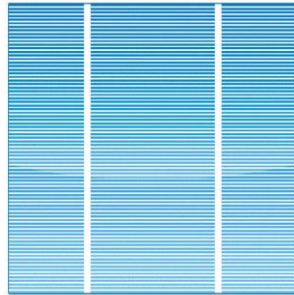
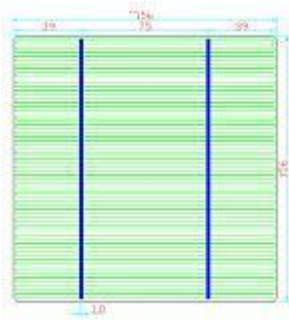
TYPICAL TEMPERATURE COEFFICIENTS

Voltage -2.15 mV/K

Current +4.4 mA/K

Power -0.46 %/K

PATTERN



PACKAGE

Typical package for one box is 1,000 cells. These cells are sealed in paper boards every 100 pcs. Gross weight per unit box shall be around 16kg.