

NESOL MODULE

Carry the sunshine



NE MODULE Mono

NE-2596220M 220W

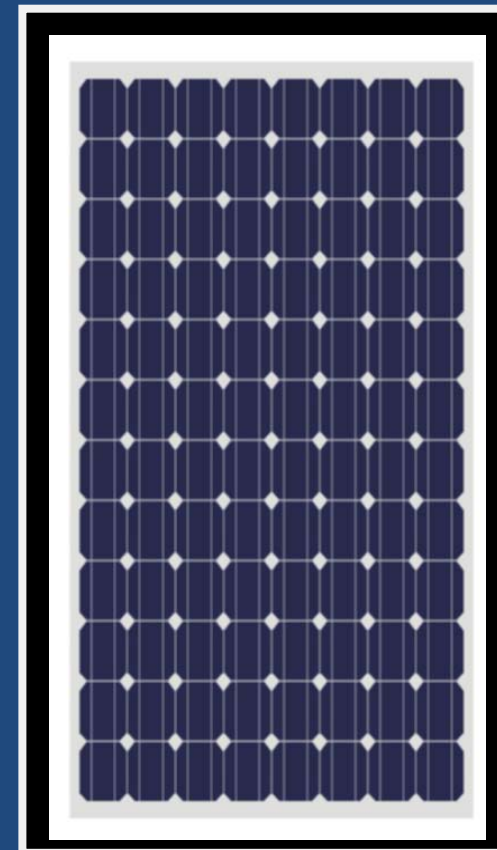
NE-2596230M 230W

NE-2596240M 240W

NE-2596250M 250W

Specification:

Model type	NE-2596250M	NE-2596240M	NE-2596230M	NE-2596220M
Peak power (Pmax)	250W	240W	230W	220W
Cell type	125mm x 125mm Grade A mono solar cell			
Number of cells	96 cells in a series			
Weight	17.2kg			
Dimensions	1600×1050×50 mm			
Cell Efficiency	17.65%	16.71%	16.25%	15.54%
Maximum power voltage (Vmp)	48.5V	48.3V	47.2V	47.2V
Maximum power current (Imp)	5.32A	4.97A	4.87A	4.68A
Open circuit voltage (Voc)	56.98V	56.75V	55.5V	55.3V
Short circuit current (Isc)	5.72A	5.3A	5.25A	4.98A
Power Tolerance	-1 to +3%			
Maximum system voltage	DC 1000V			
Temp. Coeff. of Isc (TK Isc) %/°C	0.04%			
Temp. Coeff. of Voc (TK Voc) %/°C	-0.34			
Temp. Coeff. of Pmax (TK Pmax) %/°C	-0.47			
Normal Operating Cell Temperature	44.4±2°C			
Series fuse rating (A)	10A			
Number of bypass diode	3			
Max Load	2400Pascals (50lb/ft ²)			



Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000 W/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25°C. The NOCT is obtained under the Test Conditions : 800 W/m², 20°C ambient temperature, 1 m/s wind speed, AM 1.5 spectrum.

NESOL LIMITED SOLAR MODULE

Carry The Sunshine



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