



PHOTOVOLTAIC MODULE 54CELLS

NE250-27M / NE260-27M

KEY FEATURES



Positive Power Tolerance

Bring additional electricity to customers



Durability against extreme environmental conditions

High salt mist and ammonia resistance certified by TUV



High Efficiency

Higher module conversion efficiency achieved through advanced manufacturing technology



Severe Weather Resilience

Wind load(2400Pa)

Snow load(5400Pa)

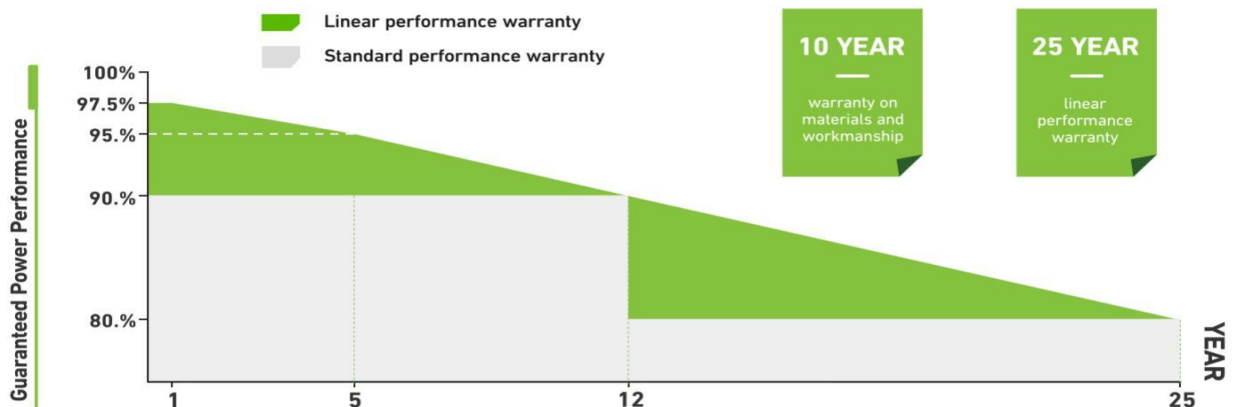


Low-Light Performance

Advanced glass and solar cell surface texturing allow for excellent performance in low-light environments.



MODULE FEATURES AND WARRANTY

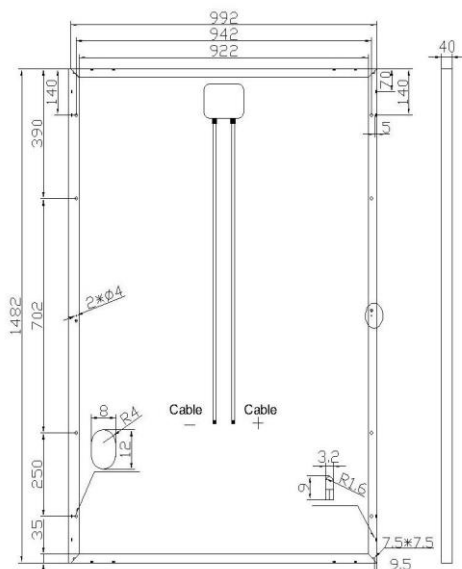
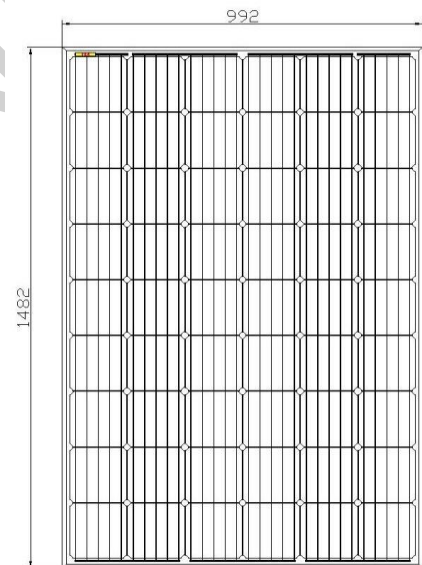


Electrical Characteristics

Model	NE250-27M	NE260-27M
Maximum Power at STC(Pmax)	250	260W
Optimum Operating Voltage (Vmp)	30.73V	30.92V
Optimum Operating Current (Imp)	8.41A	8.41A
Open-Circuit Voltage (Voc)	36.91V	37.36V
Short-Circuit Current (Isc)	9.03A	9.28A
Solar Cell Efficiency (%)	17.44	18.13
Solar Module Efficiency (%)	15.37	15.98
Operating Temperature	-40 to 85°C	
Maximum System Voltage	DC1000	
Maximum Series Fuse Rating	15A	
Power Tolerance	0~+3%	
STC:Irradiance 1000W/m ² ,Modules Temperature 25°C,AM=1.5		

Temperature Coefficient and Mechanical Characteristics

Nominal Operating Cell Temperature (NOCT)	47°C+/-2°C
Temperature Coefficient of Pmax	-0.42%/°C
Temperature Coefficient of VOC	-0.32%/°C
Temperature Coefficient of ISC	+0.05%/°C
Solar cell	Mono156*156mm
No.of cells	54 (6*9)
Dimensions	1482mm*992mm*40mm
Weight	17.50kg
Front glass	3.2mm tempered glass
Frame	Anodized aluminium alloy
Junction box	IP Rating>IP67
Connector	MC4 or compatible
Output cables	PV 4.0mm ² ,0.9m
Packing	Wooden box
1*20'	308 pcs
1*40'HQ	750 pcs



IV-Curves

