



PHOTOVOLTAIC MODULE 48CELLS

NE210-24M / NE220-24M / NE230-24M

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)

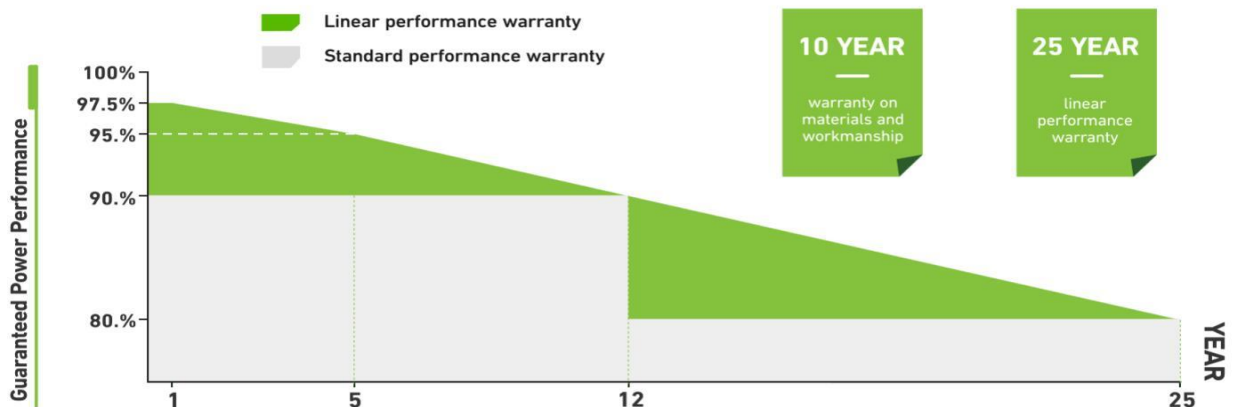


Low-Light Performance

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



MODULE FEATURES AND WARRANTY

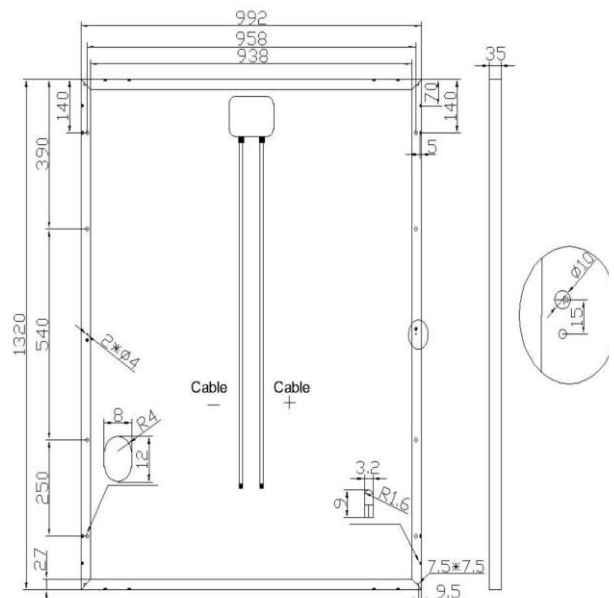
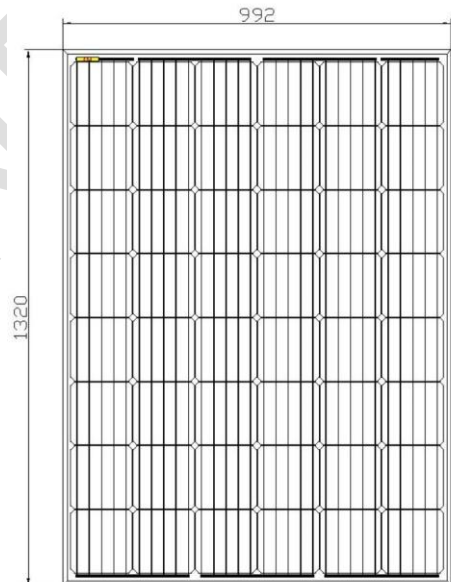


Electrical Characteristics

Model	NE210-24M	NE220-24M	NE230-24M
Maximum Power at STC(Pmax)	210	220	230W
Optimum Operating Voltage (Vmp)	27.35V	27.63V	27.92V
Optimum Operating Current (Imp)	7.68A	7.97A	8.24A
Open-Circuit Voltage (Voc)	32.97V	33.18V	33.52V
Short-Circuit Current (Isc)	8.49A	8.84A	9.15A
Solar Cell Efficiency (%)	18.34	19.21	20.08
Solar Module Efficiency (%)	16.14	16.90	17.67
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	48 (6*8)
Dimensions	1320mm*992mm*35mm
Weight	17.00kg
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 Pallet
1*20'	440 pcs
1*40'HQ	1042 pcs



IV-Curves

