MONO

PHOTOVOLTAIC MODULE 72CELLS

NE320-36M / NE330-36M

NE340-36M / NE350-36M / NE360-36M

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

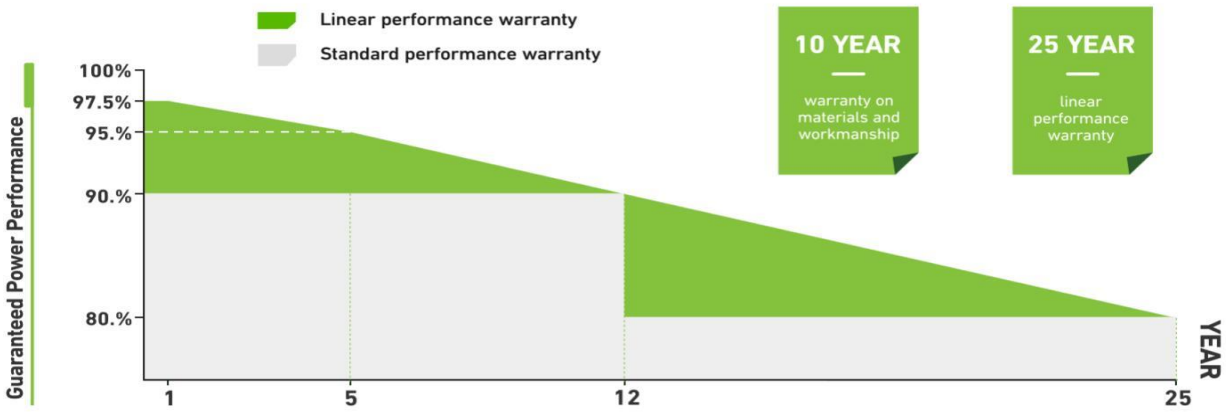
Wind load(2400Pa)

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



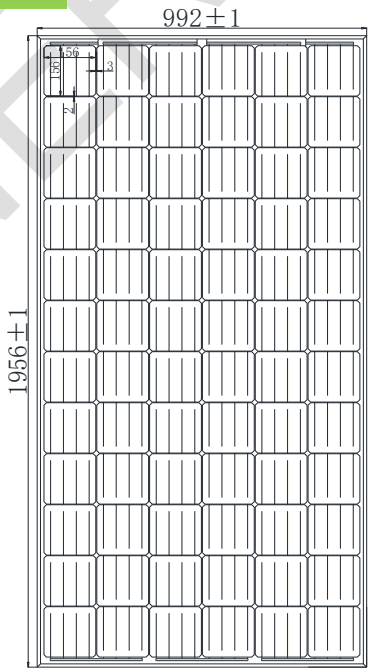
Nesol Energy

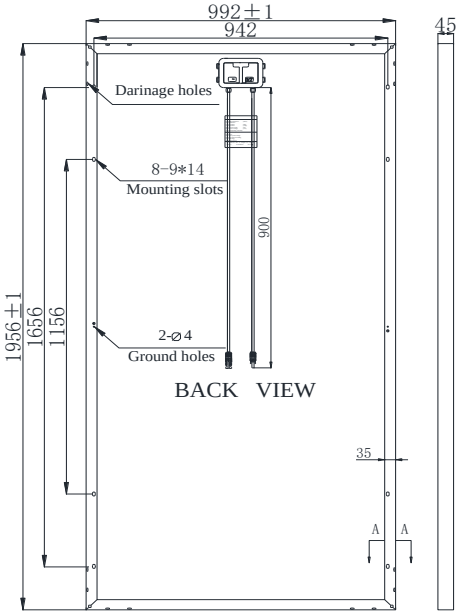
Electrical Characteristics

Model	NE320-36M	NE330-36M	NE340-36M	NE350-36M	NE360-36M
Maximum Power at STC(Pmax)	**320W**	**330W**	**340W**	**350W**	**360W**
Optimum Operating Voltage (Vmp)	37.30V	37.70V	38.10V	38.50V	38.80V
Optimum Operating Current (Imp)	8.59A	8.76A	8.93A	9.10A	9.29A
Open-Circuit Voltage (Voc)	45.50V	45.80V	46.20V	46.50V	46.80V
Short-Circuit Current (Isc)	9.09A	9.26A	9.39A	9.50A	9.63A
Solar Cell Efficiency (%)	18.60	19.18	20.35	20.40	20.80
Solar Module Efficiency (%)	16.60	16.90	17.70	18.20	18.70
Operating Temperature	-40 to 85℃				
Maximum System Voltage	DC1000				
Maximum Series Fuse Rating	15A				
Power Tolerance	0~+3%				
STC:Irradiance 1000W/㎡,Modules Temperature 25℃,AM=1.5					

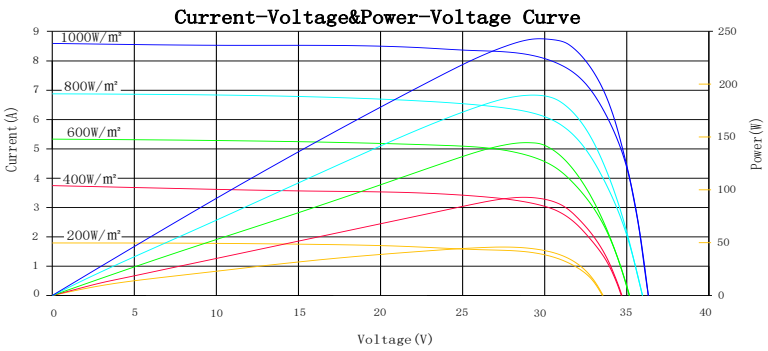
Temperature Coefficient and Mechanical Characteristics

Nominal Operating Cell Temperature (NOCT)	47℃+/-2℃
Temperature Coefficient of Pmax	-0.42%/℃
Temperature Coefficient of VOC	-0.32%/℃
Temperature Coefficient of ISC	+0.05%/℃
Solar cell	Mono156*156mm
No.of cells	72 (6×12)
Dimensions	1956mm*992mm*40mm
Weight	24kg
Front glass	3.2mm tempered glass
Frame	Anodized aluminium alloy
Junction box	IP Rating≥IP67
Connector	MC4 or compatible
Output cables	PV 4.0mm²,0.9m
1*20'	250 pcs
1*40'	514 pcs
1*40'HQ	580 pcs





IV-Curves



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