MONO

PHOTOVOLTAIC MODULE 72CELLS

NE190-36M / NE200-36M

KEY FEATURES

Positive Power Tolerance
Bring additional electricity to customers

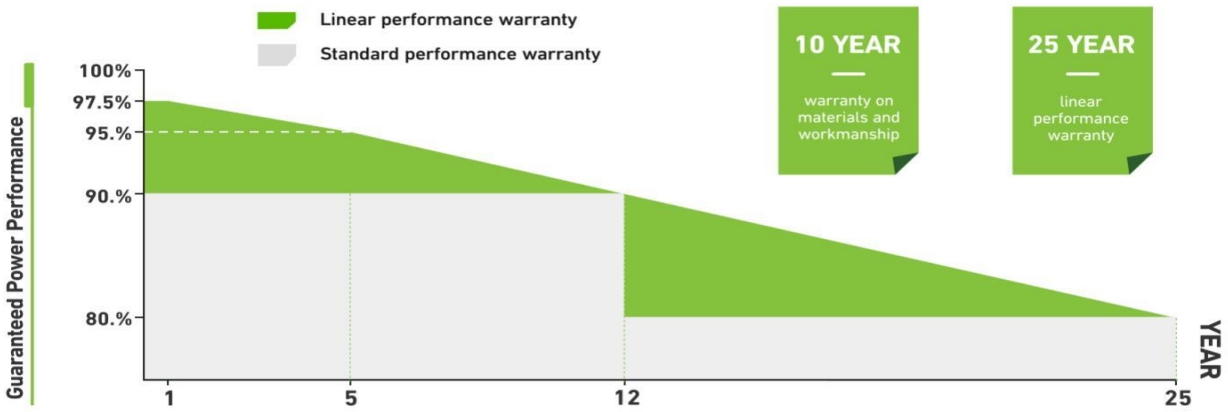
Durability against extreme environmental conditions
High salt mist and ammonia resistance certified by TUV

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



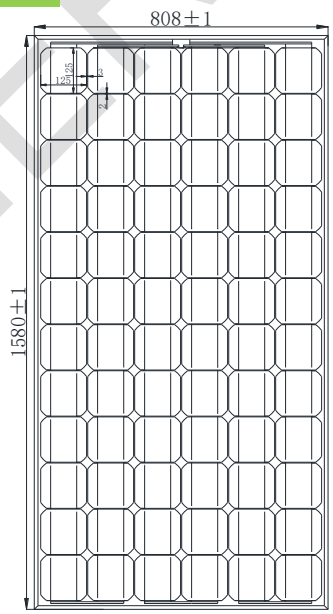
Nesol Energy

Electrical Characteristics

Model	NE190-36M	NE200-36M
Maximum Power at STC(Pmax)	**190W**	**200W**
Optimum Operating Voltage (Vmp)	36.38V	36.45V
Optimum Operating Current (Imp)	5.22A	5.49A
Open-Circuit Voltage (Voc)	44.30V	44.37V
Short-Circuit Current (Isc)	5.72A	6.01A
Solar Cell Efficiency (%)	17.75	18.31
Solar Module Efficiency (%)	14.88	15.67
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	Mono125*125mm
No.of cells	72(6×12)
Dimensions	1580mm*808mm*35mm
Weight	15.50kg
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
Packing	Wooden Pallet
1*40'	840 pcs
1*40'HQ	868 pcs



IV-Curves