POLY

PHOTOVOLTAIC MODULE 72CELLS

NE300-36P / NE310-36P / NE320-36P

NE330-36P / NE335-36P

KEY FEATURES

Positive Power Tolerance
Bring additional electricity to customers

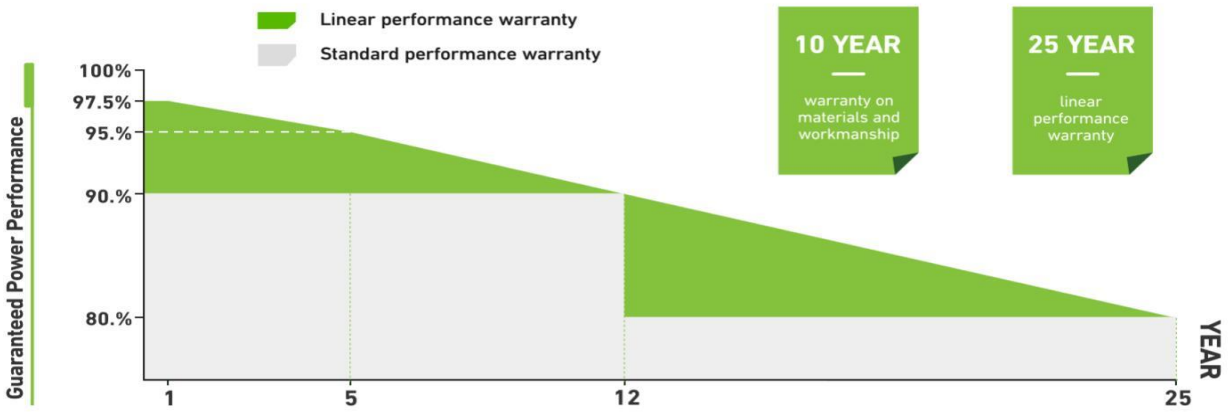
Durability against extreme environmental conditions
High salt mist and ammonia resistance certified by TUV

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



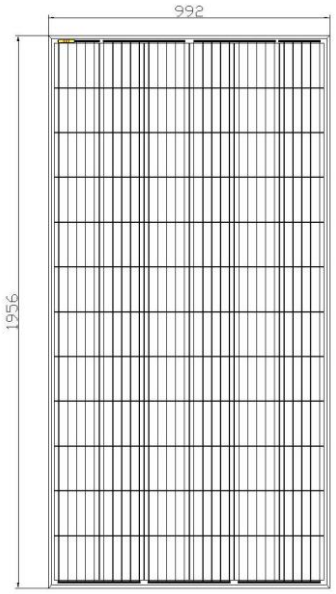
Nesol Energy

Electrical Characteristics

Model	NE300-36P	NE310-36P	NE320-36P	NE330-36P	NE335-36P
Maximum Power at STC(Pmax)	**300W**	**310W**	**320W**	**330W**	**335W**
Optimum Operating Voltage (Vmp)	37.23V	37.32V	37.62V	38.48V	38.67V
Optimum Operating Current (Imp)	8.06A	8.31A	8.51A	8.58A	8.66A
Open-Circuit Voltage (Voc)	44.71V	44.76V	44.84V	45.49V	45.66V
Short-Circuit Current (Isc)	8.95A	9.23A	9.52A	9.18A	9.27A
Solar Cell Efficiency (%)	17.46	18.05	18.63	19.21	19.50
Solar Module Efficiency (%)	15.46	15.98	16.49	17.01	17.26
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	-0.45%/℃
Temperature Coefficient of VOC	-0.32%/℃
Temperature Coefficient of ISC	+0.05%/℃
Solar cell	Poly156*156mm
No.of cells	72(6×12)
Dimensions	1956mm*992mm*40mm
Weight	24.00kg
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*20'	280 pcs
1*40'HQ	680 pcs



IV-Curves