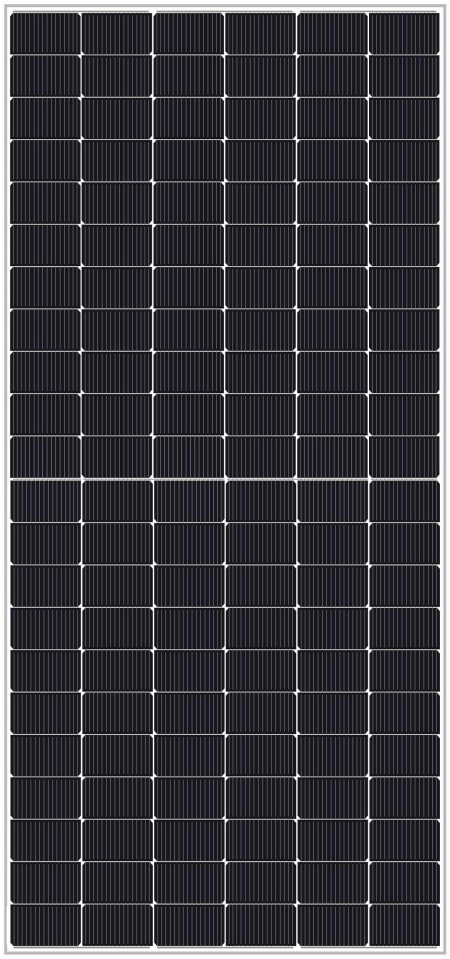
Photovoltaic Module Monocrystalline132

KEY FEATURES



10-30% Additional Power Generation
30 years lifespan brings 10-30% additional power

ZERO LID (Light Induced Degradation)
N-type solar cell has no LID naturally which can increase power generation

Excellent low temperature coefficient, generating 1%-2% more electricity in high-temperature areas.

Module can bear snow loads up to 5400Pa and wind loads up to 2400Pa

Manufactured according to and certified international I Quality and Environment Management System

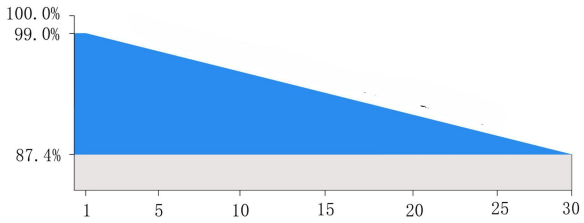
Using advanced low reflection and high light transmission glass and cell sheet surface cutting technology, in the weak light environment can also play a good performance.

Certificates

- IEC61215,IEC61730,CQC、CE、TUV
- ISO9001:2015
- ISO14001:2015
- ISO45001:2018

Warranties

- 15 years product warranty
- 30 years power warranty



Electrical Characteristics

Model	NS-600MH-132	NS-610MH-132	NS-620MH-132	NS-630MH-132
Maximum Power at STC(Pmax)	600W	610W	620W	630W
Optimum Operating Voltage (Vmp)	40.24V	40.56V	40.88V	41.20V
Optimum Operating Current (Imp)	14.92A	15.04A	15.17A	15.30A
Open-Circuit Voltage (Voc)	48.28V	48.60V	48.92V	49.24V
Short-Circuit Current (Isc)	15.53A	15.68A	15.84A	15.99A
Solar Cell Efficiency (%)	24.02	24.42	24.82	25.22
Solar Module Efficiency (%)	22.21	22.58	22.95	23.32
Operating Temperature	-40to85℃			
Maximum System Voltage	DC1500V			
Maximum Series Fuse Rating	30A			
Power Tolerance	0~+3%			
STC:Irradiance 1000W/㎡,Modules Temperature 25℃,AM=1.5				

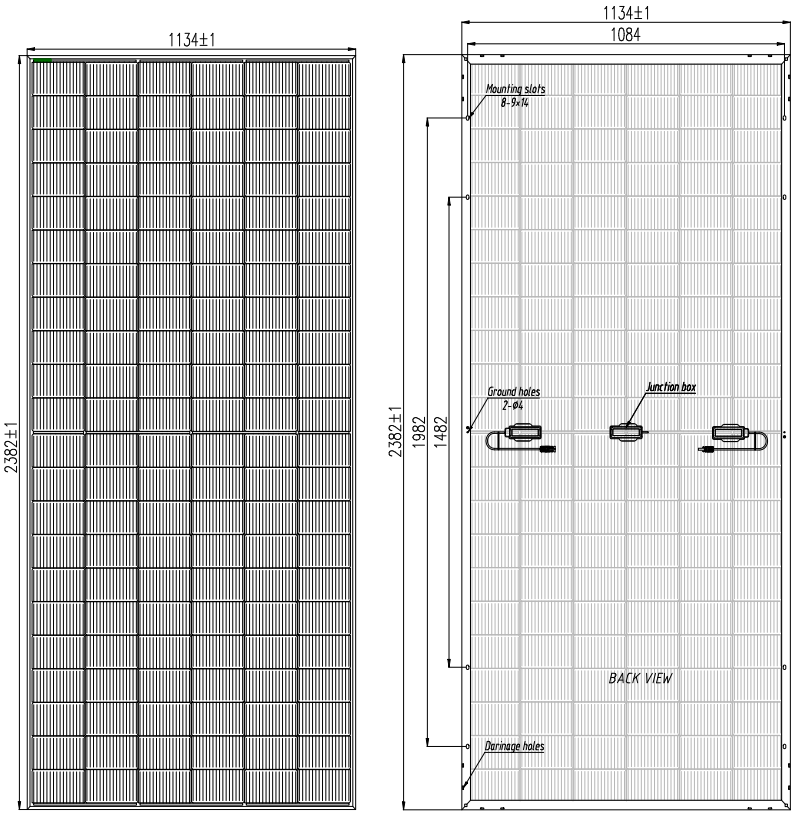
Temperature Coefficient

NOCT	45℃±2℃
Temperature Coefficient of Pmax	-0.29%/℃
Temperature Coefficient of VOC	-0.25%/℃
Temperature Coefficient of ISC	0.045%/℃

Mechanical Characteristics

No.of cells	132(6×11+6×11)
Dimensions	2382mm*1134mm*30mm
Weight	34kg±3%
Front glass	2mm+2mm tempered glass
Junction box	IP68, three diodes
Connector	Plug and socket
Output cables	PV 4.0mm²
1*40'HQ	37 pcs/Pallet, 740pcs/ 40'HQ;

Engineering Drawings



IV-Curves

