

NHO132MN

670-700 W

Topcon Technology

Half-Cut Cells Single-Glass Module



WARRANTY



SMBB Technology

Better light trapping and current collection to improve module power output and reliability.



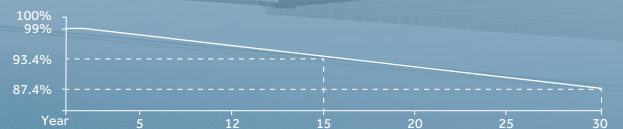
PID Resistance

Excellent Anti-PID performance guarantee via optimized mass-production process and materials control.



Enhanced Mechanical Load

Certified to withstand: wind load(2400 Pascal) and snow load (5400 Pascal).



1% 1st-year Degradation

0.4% Annual Degradation Over 30 years

15
years

Guarantee on product material and workmanship

30
years

Linear Power output warranty

CERTIFICATES

ISO 9001: 2015
Quality Management System

IEC 61215 / IEC61730

ISO 14001: 2015
Environmental Management System

ISO 45001: 2018
Occupational Health &
Safety Management System

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District, Qingdao, Shandong, P.R.China

Made in China



*Certification requirements vary in different markets, please consult with Nahui sales team for appropriate certification.

ELECTRICAL DATA (STC)

Model Type	NHO132-670MN	NHO132-675MN	NHO132-680MN	NHO132-685MN	NHO132-690MN	NHO132-695MN	NHO132-700MN
Peak Power (max)	670.00±3%	675.00±3%	680.00±3%	685.00±3%	690.00±3%	695.00±3%	700.00±3%
Power Tolerance	0~+3%	0~+3%	0~+3%	0~+3%	0~+3%	0~+3%	0~+3%
Maximum Power Voltage (Vmp)	39.52	39.72	39.92	40.12	40.32	40.52	40.72
Maximum Power Current (Imp)	16.96	17.00	17.04	17.08	17.12	17.16	17.20
Open Circuit Voltage (Voc)	47.42±3%	47.66±3%	47.90±3%	48.14±3%	48.38±3%	48.62±3%	48.86±3%
Short Circuit Current (Isc)	17.72±3%	17.76±3%	17.80±3%	17.84±3%	17.88±3%	17.93±3%	17.97±3%
Module Efficiency (%)	21.57	21.73	21.90	22.06	22.22	22.38	22.54

*STC: irradiance 1000 W/m², AM 1.5, and cell temperature of 25°C

TEMPERATURE & MAXIMUM RATING

Maximum System Voltage (V)	1500 V
Maximum Series Fuse Rating (A)	30 A
Pmax Temperature Coefficients (W/°C)	-0.240 %/°C
Voc Temperature Coefficients (V/°C)	-0.220%/°C
Isc Temperature Coefficients (A/°C)	+0.047 %/°C
NMOT Nominal Module Operating Temperature (°C)	45±2°C
Operating and Storage Temperature (°C)	-40~+85°C

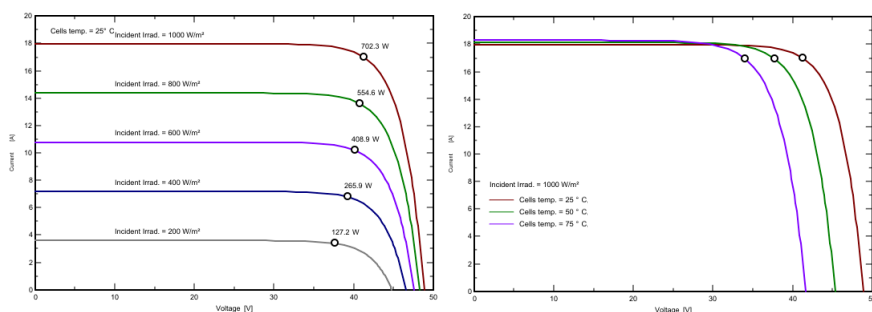
MECHANICAL CHARACTERISTICS

Cell Type	210 x 105 N Type Mono
No. of Cells	132 (12 x 11)
Dimensions	2384 x 1303 x 30 mm
Weight	33.90 kg
Front Glass	3.2 mm high transmission, low iron, tempered glass
Frame	Anonized Aluminum Alloy
Junction box	IP67/IP68 3 diodes
Fire rating	Class C
Safety level	Class II
MaxWind Load/Snow Load	2400 Pa/5400 Pa
Cables	4.0mm ² , Positive(+)350mm, Negative(-)350mm (Including MC4 connector)
Connector	RHC2xyzu(Renhe), PV-ST101(Hengda)

PACKING WAY

40HQ container | 18 Packages/666 pcs

I-V CURVES (700 W)



PV DRAWINGS

