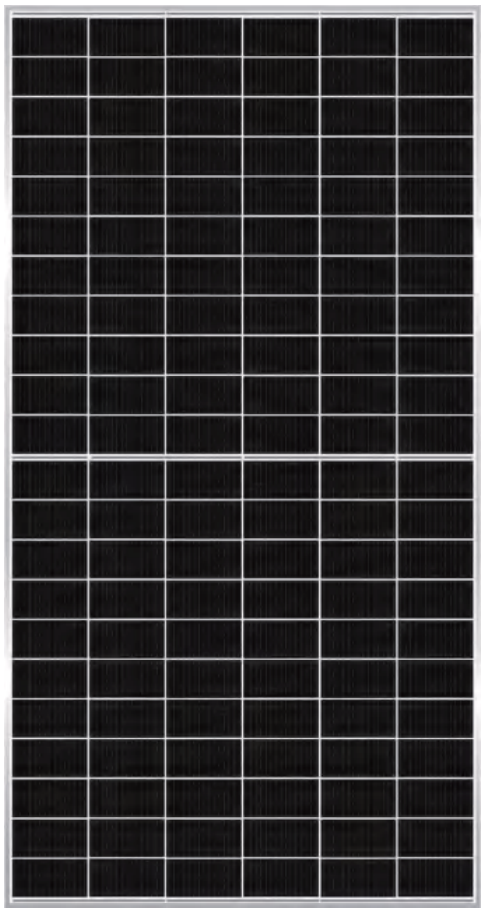
LIVE UP TO GOOD SUNSHINE

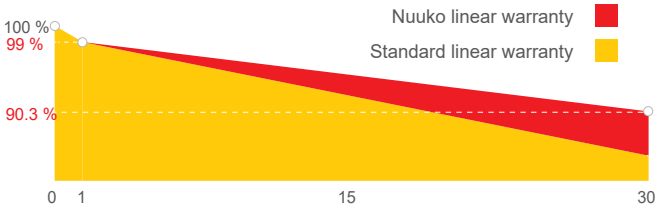
NKM-132（210mm Cell）HJT

700-730 Watt

Bifacial HJT Solar Module (Half-cut)



Industry-leading Warranty based on nominal power



* 0.3% Annual Degradation over 30 Years
* 15 Year Product Warranty
* 30 Year Linear Power Warranty

Features

Higher Power Output

The output power is as high as 640W
Bifaciality is up to 90%
Provide up to 25% extra power from rear side

Less Power Loss

Unique half-cut cell technology reduces power loss
Anti-PID & LID
Promise a higher yield for PV system

Ideal Choice For Solar Projects

Lower BOS / Lower LCOE
Improved ROI

Enhanced Safety Level

IP68 water resistance
Long-term weather endurance

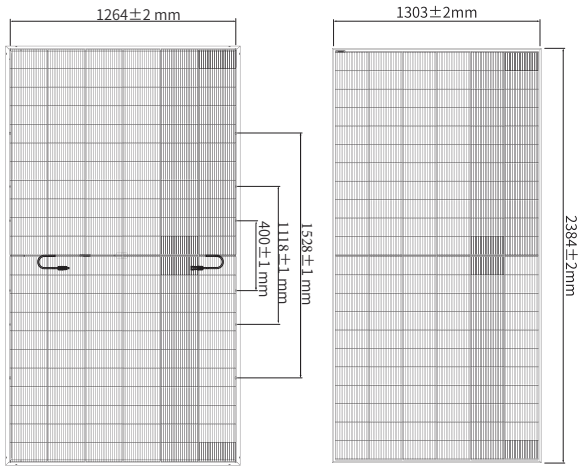
Excellent Linear Power Warranty

Average annual degradation below 0.3% from 2nd year to 30th year.
At least 5% higher power output than P-type module after 25 years.

NKM-132

MECHANICAL SPECIFICATIONS

Cell Type	HJT Monocrystalline
Cell Arrangement	132 (2*66)
Weight	38.3kg
Module Dimensions	2384*1303*33mm
Cable	4.0mm², ±300mm or Customized length
Front Glass	2.0mm AR Coating Semi-tempered Glass
Back Glass	2.0mm Glazed Semi-tempered Glass
No. of Bypass Diodes	3/6
Packing Configuration (1)	33pcs/carton, 594pcs/40hq
Frame	Anodized Aluminium Alloy
Junction Box	IP68



ELECTRICAL SPECIFICATIONS（STC）

Module Type	NKM700H-132BDG12	NKM705H-132BDG12	NKM710H-132BDG12	NKM715H-132BDG12	NKM720H-132BDG12	NKM725H-132BDG12	NKM730H-132BDG12
Rated output (Pmp/Wp)	700	705	710	715	720	725	730
Maximum Power Voltage(Vmpp/V)	43.00	43.23	43.46	43.68	43.91	44.13	44.35
Maximum Power Current(Impp/A)	16.28	16.31	16.34	16.37	16.40	16.43	16.46
Open Circuit Voltage(Voc/V)	50.31	50.51	50.71	50.91	51.11	51.31	51.71
Short Circuit Current(Isc/A)	17.21	17.23	17.25	17.27	17.29	17.31	17.33
Module efficiency(%)	22.5%	22.7%	22.9%	23.0%	23.2%	23.3%	23.5%
Power Tolerance (W)	0~+5	0~+5	0~+5	0~+5	0~+5	0~+5	0~+5

*STC (Standard Test Condition): Irradiance 1000W/m2 , Cell Temperature 25 C, Air Mass 1.5
*Measurement Tolerance (±3.0%)

Electrical Characteristics with Different Rear Side Power Gain (Reference to 715 W Front)

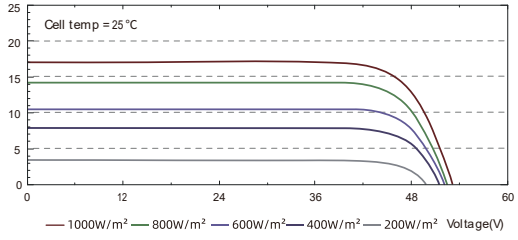
Pmax/W	735	770	805	840	875
Vmpp/V	43.68	43.68	43.68	43.68	43.68
Impp/A	17.19	18.01	18.83	19.64	20.46
Voc/V	50.91	50.91	50.91	50.91	50.91
Isc/A	18.13	19.00	19.86	20.72	21.59
Power Gains	5%	10%	15%	20%	25%

MAXIMUM RATINGS

Maximum System Voltage	1500V DC
Operating Temperature	-40°C ~ +85°C
Maximun Series Fuse	30A
Static Loading	Snow Loading: 5400Pa/ Wind Loading: 2400Pa
Safety Class	II
Fire Type	Class C (IEC)
Bifaciality	85% ± 5%

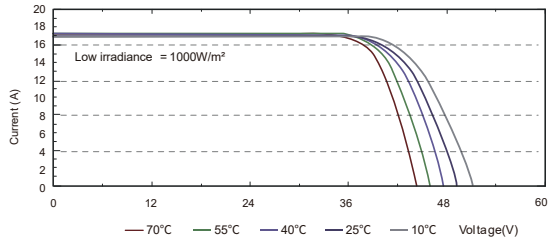
CURVE & TEMPERATURE DEPENDENC

NKM710H-132BDG12



TEMPERATURE CHARACTERISTICS

NOCT Temperature	44°C±2°C
Temprature Coefficient (Pmax)	-0.24%/°C
Temprature Coefficient (Voc)	-0.22%/°C
Temprature Coefficient (Isc)	0.04%/°C



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