

# TY-N18/132HG

# 710-730W

## N-Type Bifacial Modules

**30Year**  
Linear Power Warranty

**23.5%**  
Max. Efficiency

**0~+5W**  
Power Tolerance



### N-type Technology

N-type TOPCon modules feature lower LID/LeTID degradation and superior low-light performance.



### HOT 3.0 Technology

N-type modules with JinkoSolar HOT 3.0 deliver higher reliability and efficiency.



### Dual-Sided Power Generation

Dual-sided power generation gain rises with backside light exposure, greatly lowering LCOE.



### Mechanical Load Enhanced

Certified to withstand:  
5400 Pa front side max static test load  
2400 Pa rear side max static test load



### SMBB Technology

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



### Anti-PID Guarantee

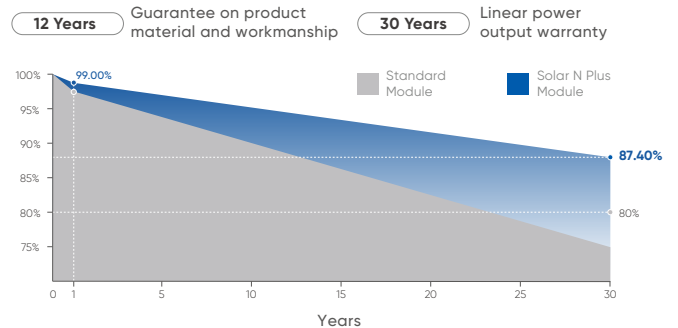
Optimized cell production and material control minimize PID-induced degradation.

## CERTIFICATION



IEC61215, IEC61730  
ISO9001:2015 Quality Management System  
ISO14001:2015 Environment Management System  
ISO45001:2018 Occupational Health and Safety  
IEC62941, IEC/TS62994

## WARRANTY



# 710-730W

## ELECTRICAL CHARACTERISTICS (STC) TY-N18/132HG

Maximum Power (Pm) W	710	715	720	725	730
Power Tolerance (W)	0~+5				
Maximum Power Voltage (Vm)	40.9	41.1	41.3	41.5	41.7
Maximum Power Current (Im)	17.36	17.40	17.44	17.48	17.51
Open Circuit Voltage (Voc)	48.7	48.9	49.1	49.3	49.5
Short Circuit Current (Isc)	18.40	18.44	18.48	18.52	18.55
Module Efficiency	22.9	23.0	23.2	23.3	23.5

STC: AM=1.5, irradiance=1000W/m<sup>2</sup>, module temperature=25°C

## ELECTRICAL CHARACTERISTICS (NMOT)

Maximum Power (Pm) W	542	546	550	554	558
Maximum Power Voltage (Vm)	38.40	38.6	38.8	39.0	39.2
Maximum Power Current (Im)	14.12	14.15	14.18	14.21	14.24
Open Circuit Voltage (Voc)	46.40	46.60	46.80	47.00	47.2
Short Circuit Current (Isc)	14.83	14.86	14.89	14.92	14.95

NMOT: irradiance=800W/m<sup>2</sup>, environment temperature=20°C, wind speed=1m/s

## REAR SIDE POWER GAIN

5%	Max Power	746	751	756	761	767
	Efficiency	24.00%	24.17%	24.34%	24.51%	24.68%
15%	Max Power	817	822	828	834	840
	Efficiency	26.28%	26.47%	26.66%	26.84%	27.03%
25%	Max Power	888	894	900	906	913
	Efficiency	28.57%	28.77%	28.97%	29.17%	29.38%

## MECHANICAL SPECIFICATIONS

External Dimension (L×W×H)	2384×1303×33mm
Weight	38.1 kg
Number of Cells	132 (6×22)
Front Glass	2.0mm AR-coating heat-strengthened glass
Rear Glass	2.0mm heat-strengthened glass
Frame	Anodized aluminum alloy, silver color
Junction Box	IP68
Output Cables	4mm <sup>2</sup> , 300mm or customized length
Connector	MC4 compatible

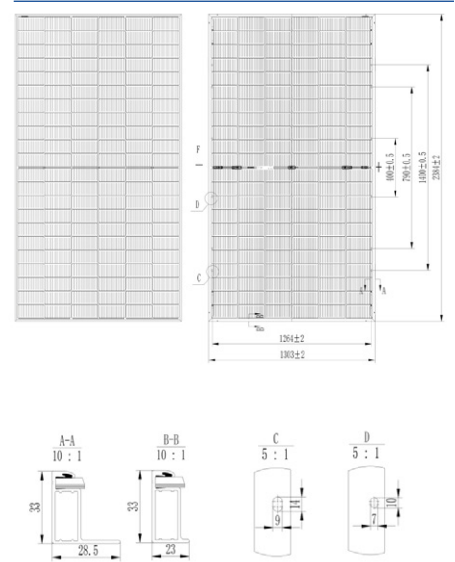
## APPLICATION CONDITIONS

Maximum System Voltage	DC1500V (IEC)
Maximum Series Fuse Rating	35A
Operating Temperature	-40°C~+85°C
Mechanical Load	5400Pa/2400Pa
Hail Test	25mm diameter hail at 23m/s
Bifaciality	80±5%
Application Rating	Class A

## TEMP CHARACTERISTICS

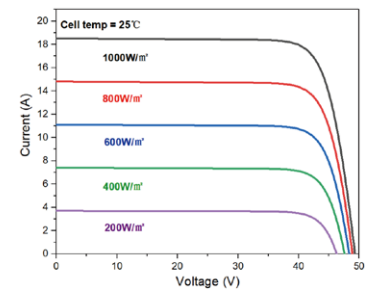
Nominal Module Operating Temperature	43±2°C
Temperature Coefficient of Pmax	-0.30%/°C
Temperature Coefficient of Voc	-0.24%/°C
Temperature Coefficient of ISC	0.04%/°C

## TECHNICAL DRAWING

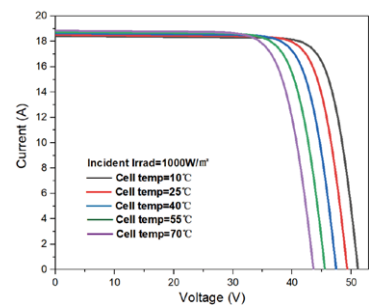


## I-V CURVE

I-V characteristics at different irradiance



I-V characteristics at different temperatures



## PACKING CONFIGURATION

Container	40'HC
Pieces per Pallet	33 pcs
Packaging box Size	1360×1145×2524mm
Pieces per Container	594 pcs