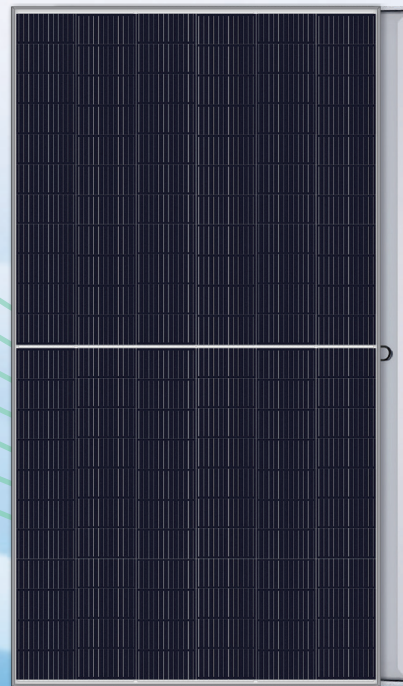


HT²¹⁰ TOPCon

Monofacial Series

710~730W

HY-NT12/66H



Main Features



N-TYPE TOPCON TECH

- Lower LID
- Excellent Low Irradiance Performance



SMBB + HALF-CELL TECH NON-DESTRUCTIVE CUTTING

- Reduced Internal Current Loss
- Minimized Micro-Crack Impact



HIGH RELIABILITY

- Salt Mist Resistance, Ammonia Resistance, Sand & Dust Resistance
- Anti-PID



HIGH CONVERSION EFFICIENCY

- Module Conversion Efficiency Up to 23.5%



SUPERIOR POWER GENERATION PERFORMANCE

- Low Temperature Coefficient: $-0.29\%/^{\circ}\text{C}$
- Lower Operating Temperature

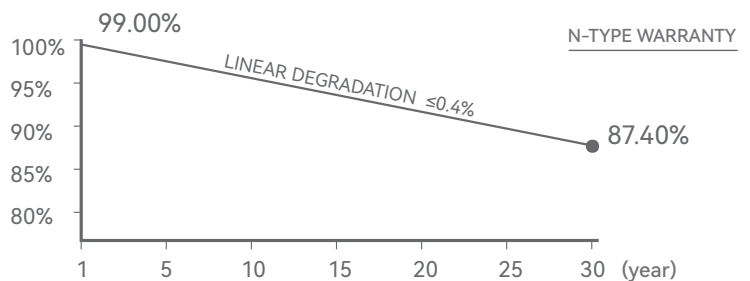


LOWER LEVELIZED COST OF ELECTRICITY

- Lower BOS and LCOE
- Higher ROI

Comprehensive Products and System Certificates

- IEC 61215, IEC 61730
- ISO 9001:2015
- ISO 14001:2015
- ISO 45001:2018



Munich RE

15 YEAR

Product Workmanship Warranty

30 YEAR

Linear Power Warranty

≤1%

First - year power attenuation

≤0.4%

Linear power attenuation



HONGYUAN GREEN ENERGY CO.,LTD.

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The product specifications are subject to change without prior notice.
Please use our latest version.



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E-mail: info@hysolar.com



Web: <https://www.hysolar.com>

N-Type Monofacial Series HY-NT12/66H

710~730W
POWER RANGE

23.5%
EFFICIENCY

0~+5W
POWER SORTING

ELECTRICAL PERFORMANCE PARAMETERS

***STC** : Irradiance 1000W/m², Cell Temperature 25° C, AM=1.5

Rated output (Pmpp/Wp)	710	715	720	725	730
Rated voltage (Vmpp/V)	40.35	40.54	40.74	40.94	41.14
Rated current (Impp/A)	17.60	17.64	17.68	17.71	17.75
Open circuit voltage (Voc/V)	48.83	49.02	49.22	49.42	49.62
Short-circuit current (Isc/A)	18.41	18.45	18.49	18.52	18.56
Module efficiency	22.9%	23.0%	23.2%	23.3%	23.5%

NMOT : Irradiance 800W/m², Ambient Temperature 20° C, AM=1.5, Wind Speed 1m/s

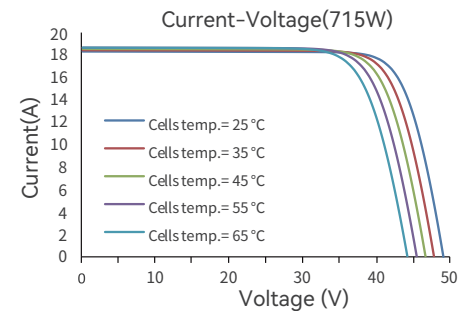
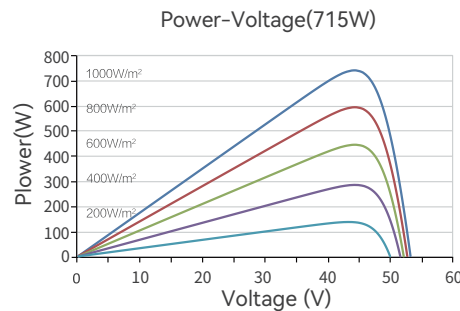
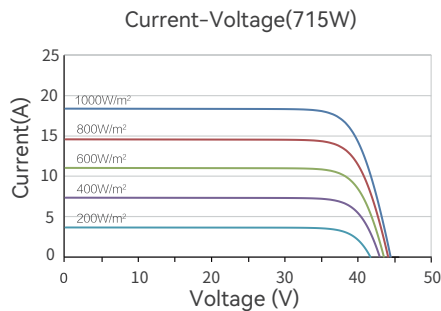
Rated output (Pmpp/Wp)	537.5	541.2	545.0	548.7	552.6
Rated voltage (Vmpp/V)	37.93	38.11	38.30	38.48	38.67
Rated current (Impp/A)	14.17	14.20	14.23	14.26	14.29
Open circuit voltage (Voc/V)	46.49	46.69	46.88	47.07	47.26
Short-circuit current (Isc/A)	14.80	14.83	14.86	14.89	14.92

TEMPERATURE COEFFICIENT

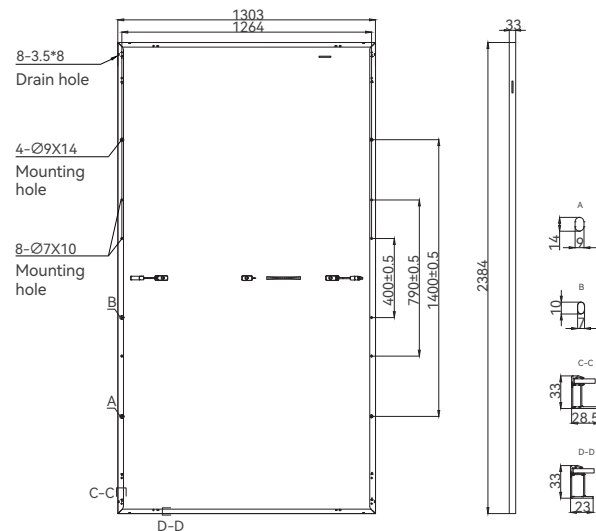
Temperature coefficient (Pmpp)	-0.29%/°C
Temperature coefficient (Isc)	+0.043%/°C
Temperature coefficient (Voc)	-0.24%/°C
Nominal module operating temperature (NMOT)	42±2°C

OPERATING PARAMETERS

Max. system voltage (IEC)	1500VDC
Number of diodes	3
Junction box protection rating	IP 68
Max. series fuse rating	30A
Operational temperature	-40~+85°C



MECHANICAL PARAMETERS



Outer dimensions (L x W x H)	2384 x 1303 x 33 mm
Cell	N type mono-crystalline
Number of cells	132 (6*22)
Frame Type	Aluminum, silver anodized
Glass thickness	3.2 mm
Cable length (including connector)	Portrait: (+)300 mm,(-)300 mm; Customized length
Cable cross-sectional area (IEC)	4 mm ² / 12 AWG
① Maximum test mechanical load	5400Pa (front) /2400Pa(rear)
Connector type (IEC)	PV-HYC11xyz(standard)/MC4 EVO2(optional)
Module weight	33.3 kg
Packaging unit	33 pcs / box
Weight of packing unit	1159 kg / box
Modules per 40' HQ container	594 pcs

① Please refer to the installation manual or contact us to confirm. The maximum test mechanical load = 1.5× maximum design mechanical load.

*The data above is for reference only and the actual data is in accordance with the practical testing. Power Measurement Tolerance ±3% under STC standard.