









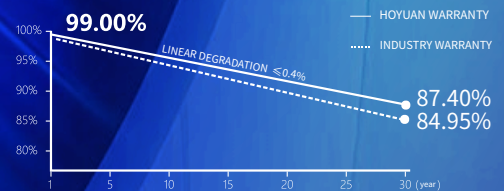




**585~605W**

**HY-NT11/66GDF**



-  Module Efficiency up to 22.4%
-  Zero LID
-  SMBB + Half-cell tech, reduce internal current loss, improve module efficiency, minimize micro-crack impacts, and improve module reliability
-  Non-destructive Slicing Tech, reduce micro-crack risk
-  Lower temperature coefficient (-0.29%/°C), lower operating temperature, increase the power generation
-  Excellent low irradiance performance, higher power output
-  Bifaciality rate up to 80-85%, and up to 30% power gain from back side (depending on albedo)
-  Resistant to harsh environments
-  Anti PID
-  More energy yield, lower BOS and LCOE



-  15-YEAR PRODUCT WORKMANSHIP WARRANTY
-  30-YEAR LINEAR POWER WARRANTY



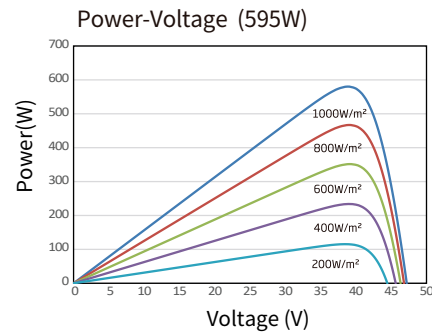
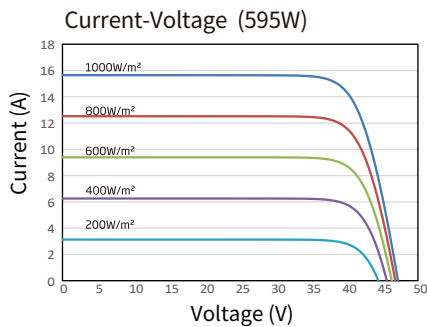
## Electrical performance parameters

\*STC: Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25° C, AM=1.5

Rated output (P <sub>mpp</sub> / Wp)	585	590	595	600	605
Rated voltage (V <sub>mpp</sub> / V)	39.50	39.70	40.00	40.30	40.50
Rated current (I <sub>mpp</sub> / A)	14.82	14.86	14.89	14.91	14.94
Open circuit voltage (V <sub>oc</sub> / V)	47.50	47.80	48.10	48.40	48.70
Short-circuit current (I <sub>sc</sub> / A)	15.68	15.72	15.76	15.80	15.83
Module efficiency	21.7%	21.8%	22.0%	22.2%	22.4%
Power tolerance	0~+5W				

NMOT: Irradiance 800W/m<sup>2</sup>, Ambient Temperature 20° C, AM=1.5, Wind Speed 1m/s

Rated output (P <sub>mpp</sub> / Wp)	445.9	449.5	454.2	458.1	461.3
Rated voltage (V <sub>mpp</sub> / V)	37.10	37.30	37.60	37.80	38.00
Rated current (I <sub>mpp</sub> / A)	12.02	12.05	12.08	12.12	12.14
Open circuit voltage (V <sub>oc</sub> / V)	45.00	45.30	45.60	45.90	46.10
Short-circuit current (I <sub>sc</sub> / A)	12.64	12.67	12.70	12.73	12.76



## Different rear power gains (595W as an example)

Power gains P <sub>mpp</sub> /Wp	V <sub>mpp</sub> /V	I <sub>mpp</sub> /A	V <sub>oc</sub> /V	I <sub>sc</sub> /A	
5%	625	40.00	15.62	48.10	16.55
15%	684	40.00	17.11	48.10	18.12
25%	744	40.00	18.59	48.10	19.70

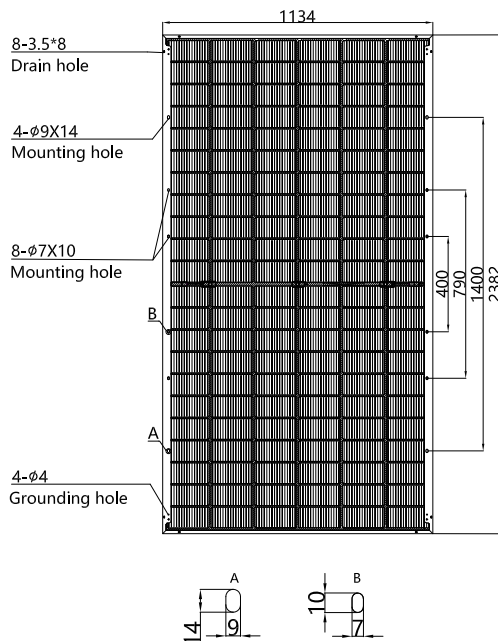
## Temperature coefficient

Temperature coefficient (P <sub>mpp</sub> )	-0.29%/°C
Temperature coefficient (I <sub>sc</sub> )	+0.043%/°C
Temperature coefficient (V <sub>oc</sub> )	-0.24%/°C
Nominal module operating temperature (NMOT)	42±2°C

## Operating parameters

Max. system voltage (IEC/UL)	1500V <sub>oc</sub>
Number of diodes	3
Junction box protection rating	IP 68
Max. series fuse rating	35A
Operational temperature	-40~+85°C
Bifaciality rate	80±5%

## Mechanical parameters



Outer dimensions (L x W x H)	2382 x 1134 x 30 mm
Cell	N type mono-crystalline
Number of cells	132 (6*22)
Frame type	Aluminum, silver anodized
Glass thickness	2.0+2.0 mm
Cable length (including connector)	Portrait: (+)300 mm, (-)300 mm ; Customized length
Cable cross-sectional area (IEC/UL)	4 mm <sup>2</sup> / 12 AWG
①Maximum test mechanical load	5400Pa (front) /2400Pa(rear)
Connector type (IEC/UL)	MC4 EVO2 compatible/ MC4 EVO2 original (optional)
Module weight	33.7 kg
Packaging unit	36 pcs / box (Subject to sales contract)
Weight of packing unit	1270kg / box
Modules per 40' HQ container	720 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.