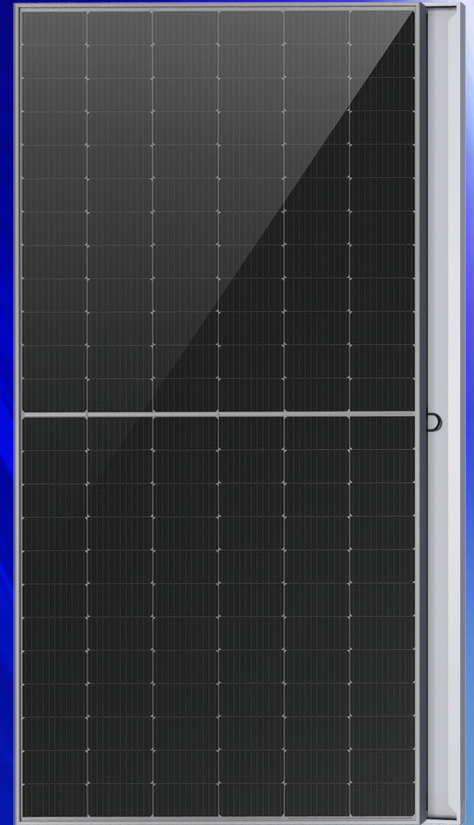









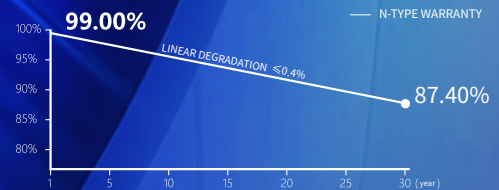


# 585~605W

## HY-NT10/72H



-  Module Efficiency up to 23.4%
-  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
-  Resistant to harsh environments
-  Anti PID
-  More energy yield, lower BOS and LCOE



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

### Comprehensive Products and System Certificates

IEC 61215, IEC 61730  
 ISO 9001:2015 Quality management systems  
 ISO 14001:2015 Environmental management systems  
 ISO 45001:2018 Occupational health and safety management systems



## Electrical performance parameters

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

Rated output (Pmpp / Wp)	585	590	595	600	605
Rated voltage (Vmpp / V)	43.75	43.95	44.15	44.35	44.53
Rated current (Impp / A)	13.38	13.43	13.48	13.53	13.59
Open circuit voltage (Voc / V)	51.90	52.10	52.30	52.47	52.66
Short-circuit current (Isc / A)	14.10	14.15	14.20	14.26	14.31
Module efficiency	22.6%	22.8%	23.0%	23.2%	23.4%
Power tolerance	0~+5W				

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

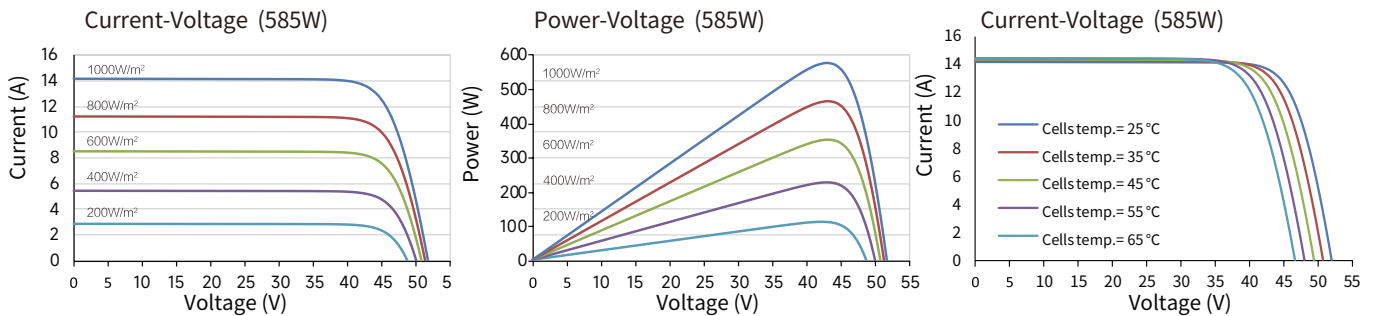
Rated output (Pmpp / Wp)	440.7	444.9	449.1	452.8	456.6
Rated voltage (Vmpp / V)	41.11	41.31	41.51	41.70	41.87
Rated current (Impp / A)	10.72	10.77	10.82	10.86	10.91
Open circuit voltage (Voc / V)	49.28	49.48	49.68	49.84	50.02
Short-circuit current (Isc / A)	11.39	11.44	11.49	11.53	11.58

## Temperature Ratings (STC)

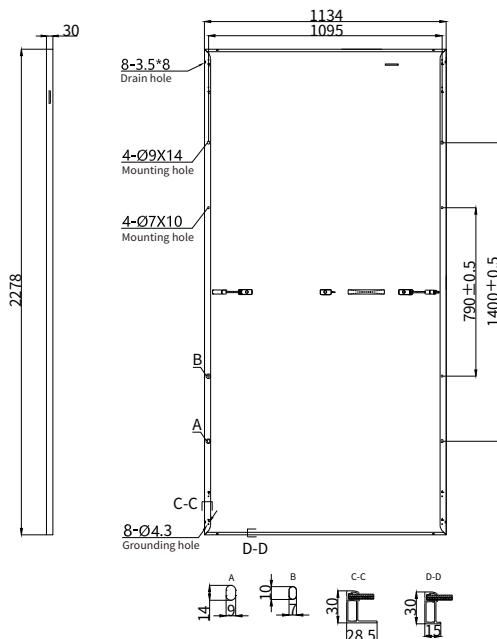
Temperature coefficient (Pmpp)	-0.29%/°C
Temperature coefficient (Isc)	+0.043%/°C
Temperature coefficient (Voc)	-0.24%/°C
Nominal module operating temperature (NMOT)	42±2°C

## Operating Parameters

Max. system voltage (IEC)	1500V <sub>DC</sub>
Number of diodes	3
Junction box IP rating	IP 68
Max. series fuse rating	25 A
Operational temperature	-40~+85°C



## Mechanical parameters



Outer dimensions (L x W x H)	2278 x 1134 x 30 mm
Cell	N type mono-crystalline
Number of cells	144 (6*24)
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 <sup>2</sup> / 12 AWG
① Maximum test mechanical load	5400Pa (front) / 2400Pa (rear)
Connector type (IEC)	PV-HYC11xyz(standard)/MC4 EVO2(optional)
Module weight	27.2 kg
Packaging unit	36 pcs / box
Weight of packing unit	1040 kg / 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.