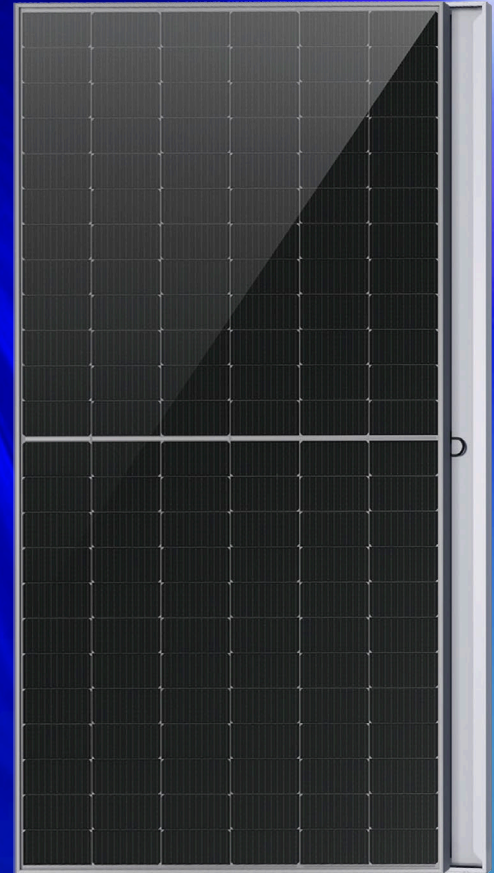









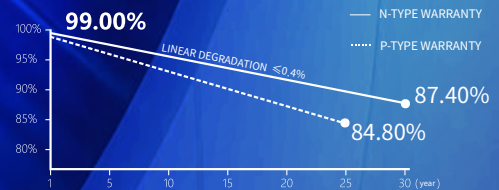


# 570~590W

## HY-NT10/72H



-  Module Efficiency up to 22.8%
-  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)	570	575	580	585	590
Rated voltage (Vmpp / V)	43.15	43.34	43.55	43.75	43.95
Rated current (Impp / A)	13.21	13.27	13.32	13.38	13.43
Open circuit voltage (Voc / V)	51.44	51.59	51.75	51.90	52.10
Short-circuit current (Isc / A)	13.92	13.98	14.04	14.10	14.15
Module efficiency	22.1%	22.3%	22.5%	22.6%	22.8%
Power tolerance	0~+5W				

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

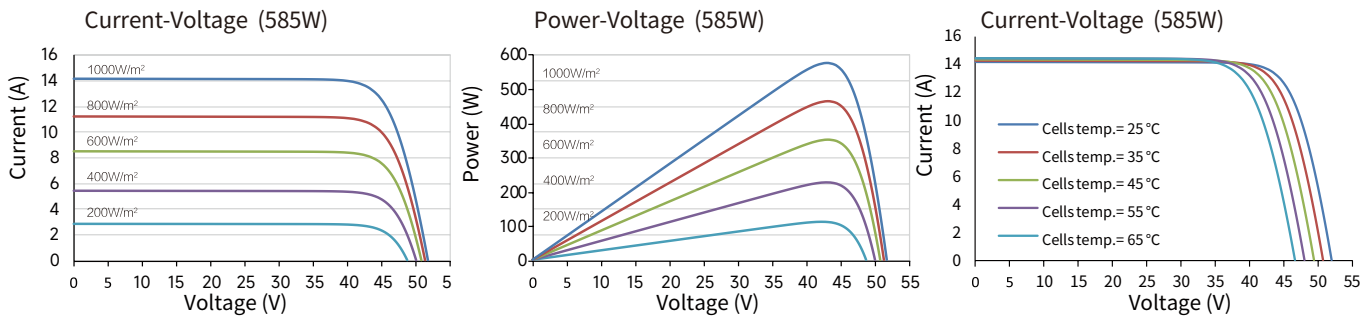
Rated output (Pmpp / Wp)	428.8	432.9	436.5	440.7	444.9
Rated voltage (Vmpp / V)	40.53	40.72	40.91	41.11	41.31
Rated current (Impp / A)	10.58	10.63	10.67	10.72	10.77
Open circuit voltage (Voc / V)	48.85	49.00	49.14	49.28	49.48
Short-circuit current (Isc / A)	11.24	11.29	11.34	11.39	11.44

## Temperature Ratings (STC)

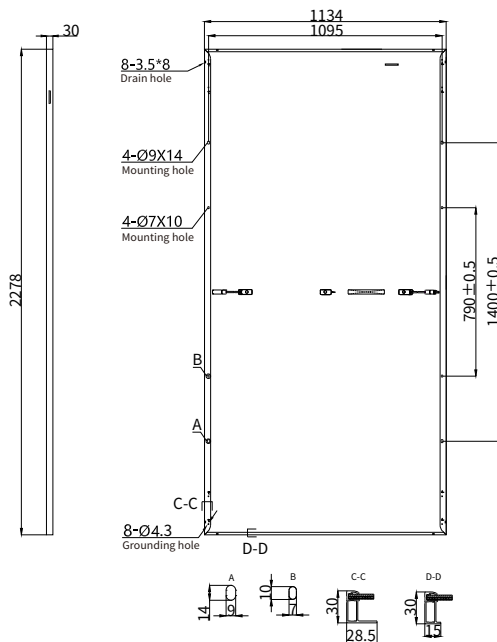
Temperature coefficient (Pmpp)	-0.29%/°C
Temperature coefficient (Isc)	+0.043%/°C
Temperature coefficient (Voc)	-0.24%/°C
Nominal module operating temperature (NMOT)	42±2°C

## 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.