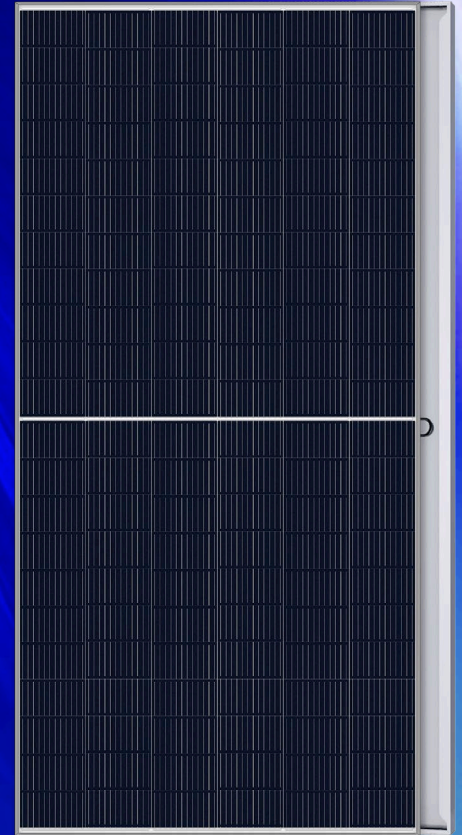









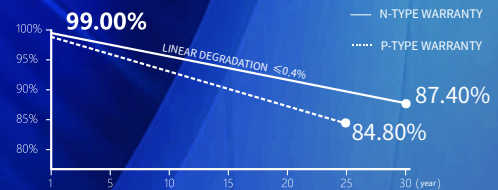




595~615W

HY-NT11/66H



-  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/m², Cell Temperature 25° C, AM=1.5

Rated output (Pmpp / Wp)	595	600	605	610	615
Rated voltage (Vmpp / V)	39.85	40.05	40.25	40.45	40.65
Rated current (Impp / A)	14.94	14.99	15.05	15.09	15.13
Open circuit voltage (Voc / V)	47.86	48.06	48.26	48.46	48.66
Short-circuit current (Isc / A)	15.80	15.84	15.88	15.92	15.96
Module efficiency	22.0%	22.2%	22.4%	22.6%	22.8%
Power tolerance	0~+5W				

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

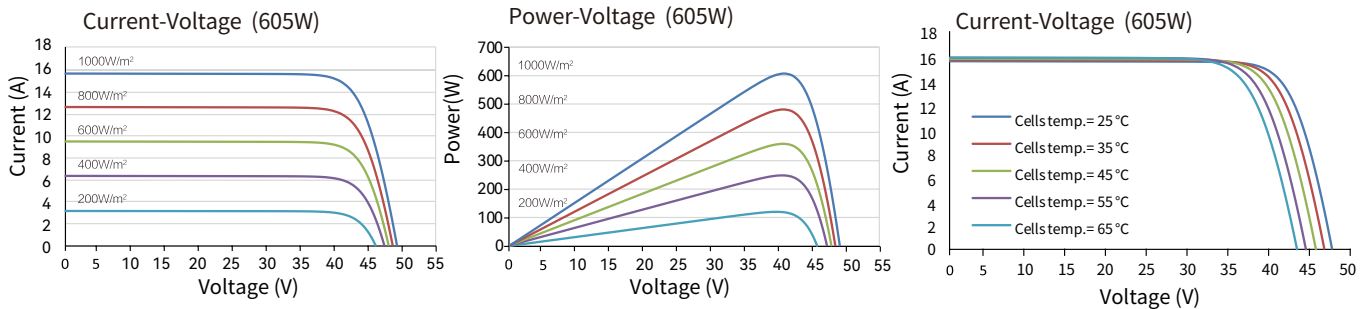
Rated output (Pmpp / Wp)	453.4	457.4	461.3	465.3	469.2
Rated voltage (Vmpp / V)	37.35	37.55	37.75	37.95	38.15
Rated current (Impp / A)	12.14	12.18	12.22	12.26	12.30
Open circuit voltage (Voc / V)	45.22	45.42	45.62	45.82	46.02
Short-circuit current (Isc / A)	12.75	12.79	12.83	12.87	12.91

Temperature Ratings (STC)

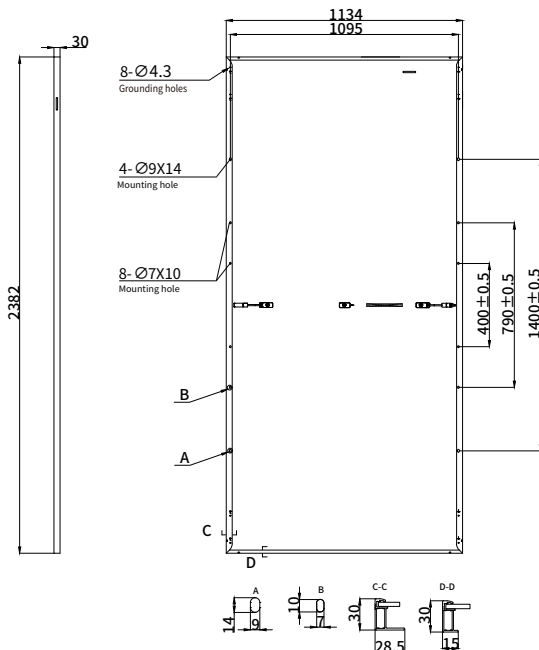
Temperature coefficient (Pmpp)	-0.29%/°C
Temperature coefficient (Isc)	+0.043%/°C
Temperature coefficient (Voc)	-0.24%/°C
Nominal module operating temperature (NMOT)	42±2°C

Operating Parameters

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



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	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	28.8 kg
Packaging unit	36 pcs / box
Weight of packing unit	1097 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.