

HT 210R TOPCon

Monofacial Series

615~635W

HY-NT11/66H



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

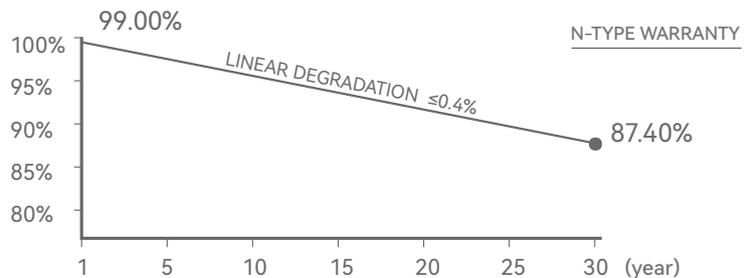
- Low Temperature Coefficient: $-0.29\%/^{\circ}\text{C}$
- Lower Operating Temperature

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



15 YEAR
Product Workmanship Warrant

30 YEAR
Linear Power Warranty

≤1%
First - year power attenuation

≤0.4%
Linear power attenuation



N-Type Monofacial Series HY-NT11/66H

615~635W
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)	615	620	625	630	635
Rated voltage (Vmpp/V)	40.65	40.85	41.05	41.25	41.44
Rated current (Impp/A)	15.13	15.18	15.23	15.28	15.33
Open circuit voltage (Voc/V)	48.66	48.86	49.06	49.26	49.45
Short-circuit current (Isc/A)	15.96	16.00	16.04	16.08	16.12
Module efficiency	22.8%	23.0%	23.1%	23.3%	23.5%

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

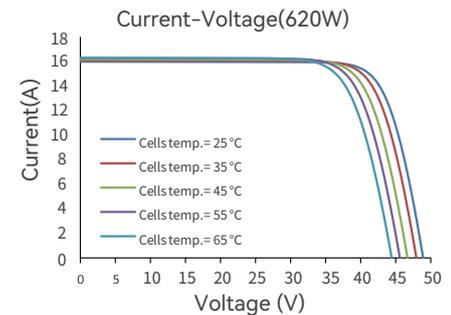
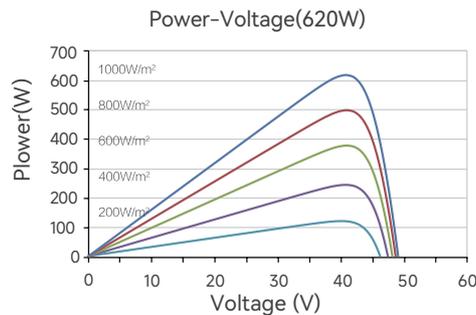
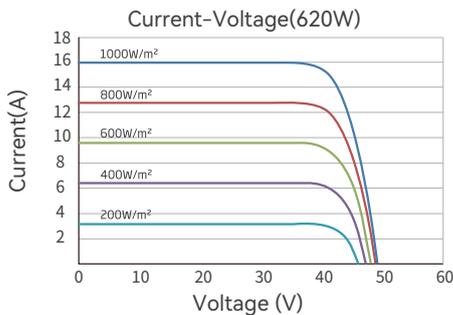
Rated output (Pmpp/Wp)	469.2	473.2	477.2	481.2	484.9
Rated voltage (Vmpp/V)	38.15	38.35	38.55	38.74	38.92
Rated current (Impp/A)	12.30	12.34	12.38	12.42	12.46
Open circuit voltage (Voc/V)	46.02	46.22	46.42	46.61	46.79
Short-circuit current (Isc/A)	12.91	12.95	12.99	13.02	13.05

TEMPERATURE COEFFICIENT

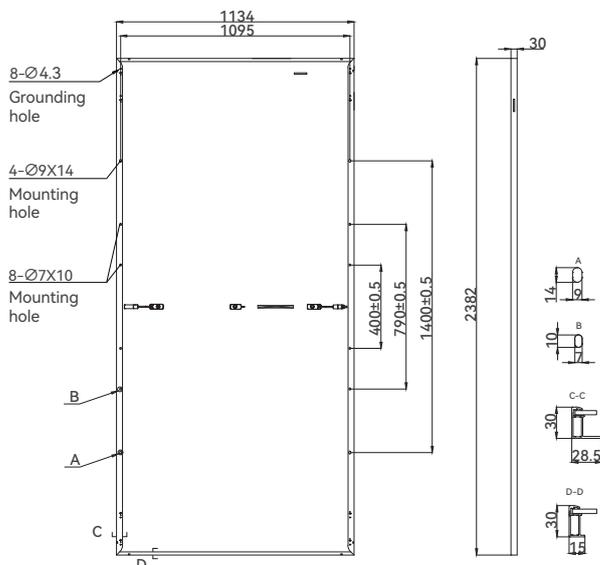
Temperature coefficient (Pmpp)	-0.29%/°C
Temperature coefficient (Isc)	+0.043%/°C
Temperature coefficient (Voc)	-0.24%/°C
Nominal module operating temperature (NMOT)	42±2°C

OPERATING PARAMETERS

Max. system voltage (IEC)	1500VDC
Number of diodes	3
Junction box protection rating	IP 68
Max. series fuse rating	25A
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.