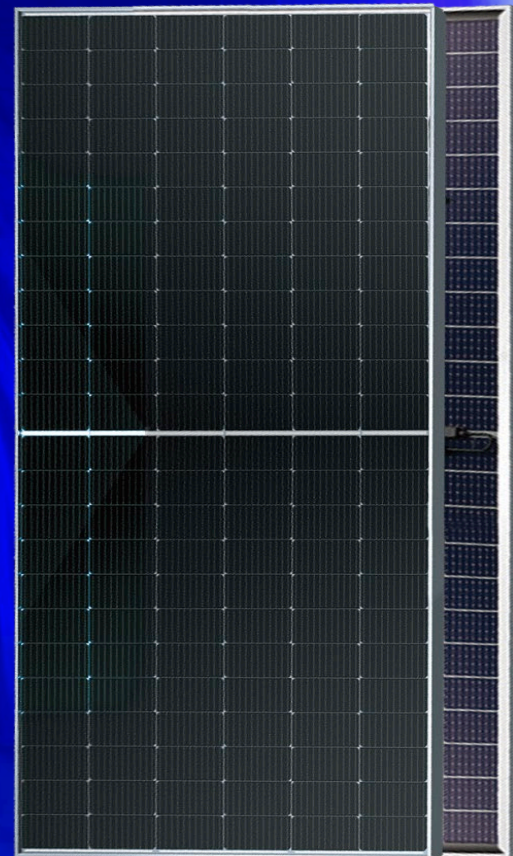


HT 182 TOPCon

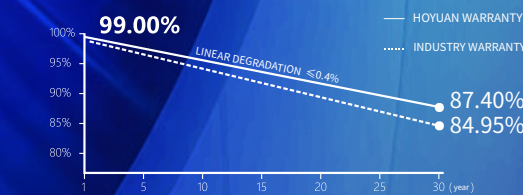
Bifacial Series

575~585W

HY-NT10/72GDF (575~585W)



- Module Efficiency up to 22.6%
- 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
- 85% 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



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The product specifications are subject to change without prior notice.
Please use our latest version.

Electrical performance parameters

Electrical Specification (STC) : Irradiance 1000W/m², Cell Temperature 25° C, AM=1.5

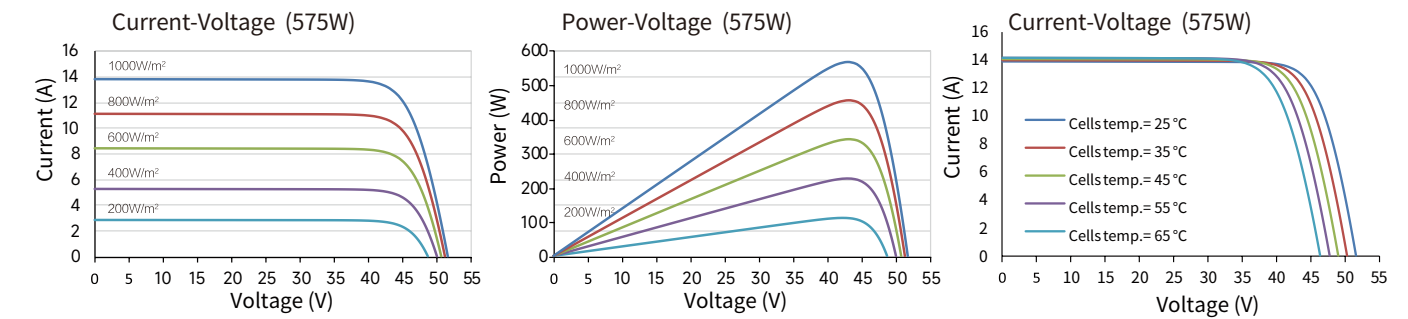
	HY-NT10/72GDF 575	HY-NT10/72GDF 580	HY-NT10/72GDF 585
Rated output (Pmpp / Wp)	575	580	585
Rated voltage (Vmpp / V)	43.56	43.75	43.96
Rated current (Impp / A)	13.20	13.26	13.31
Open circuit voltage (Voc / V)	51.75	51.90	52.05
Short-circuit current (Isc / A)	13.95	14.01	14.07
Module efficiency	22.3%	22.5%	22.6%
Power sorting tolerance	0~+5W		

Electrical Specification (BNPI) : Ef=1000W/m², Er=135W/m², AM=1.5, Tc=25° C
Bifaciality Coefficients: φPmax: 80±10%, φVoc: 100±3%, φIsc: 80±10%

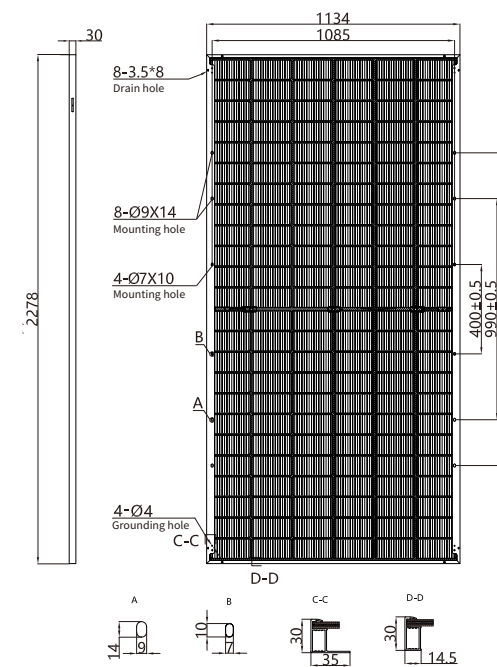
	632.1	635.0	640.8
Rated output (Pmpp / Wp)	632.1	635.0	640.8
Rated voltage (Vmpp / V)	43.56	43.75	43.95
Rated current (Impp / A)	14.51	14.51	14.58
Open circuit voltage (Voc / V)	51.75	51.85	51.95
Short-circuit current (Isc / A)	15.33	15.37	15.43

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

	432.9	436.6	440.8
Rated output (Pmpp / Wp)	432.9	436.6	440.8
Rated voltage (Vmpp / V)	40.92	41.11	41.31
Rated current (Impp / A)	10.58	10.62	10.67
Open circuit voltage (Voc / V)	49.15	49.30	49.45
Short-circuit current (Isc / A)	11.26	11.31	11.36



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/black anodized
Glass thickness	2.0+2.0 mm
Cable length (including connector)	Portrait: (+)300 mm, (-)300 mm ; Customized length
Cable cross-sectional area (IEC)	4 mm ² / 12 AWG
①Maximum test mechanical load	5400Pa (front) / 2400Pa (rear)
Connector type (IEC)	QC Solar: QC4.10-cds Sunter: PV-ZH202B XTong: PV-XT101.1, PV-XT101.2 Stäubli: PV-KST4-EVO2/xy_UR, PV-KBT4-EVO2/xy_UR or PV-KST4-EVO2A/xy, PV-KBT4-EVO2A/xy
Module weight	32.1 kg
Packaging unit	36 pcs / box (Subject to sales contract)
Weight of packing unit	1215 kg / box
Modules per 40' HQ container	720 pcs

*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.
*Manufactured and assembled in China.

① Please refer to the installation manual or contact us to confirm.
The maximum test mechanical load = 1.5× maximum design mechanical load.