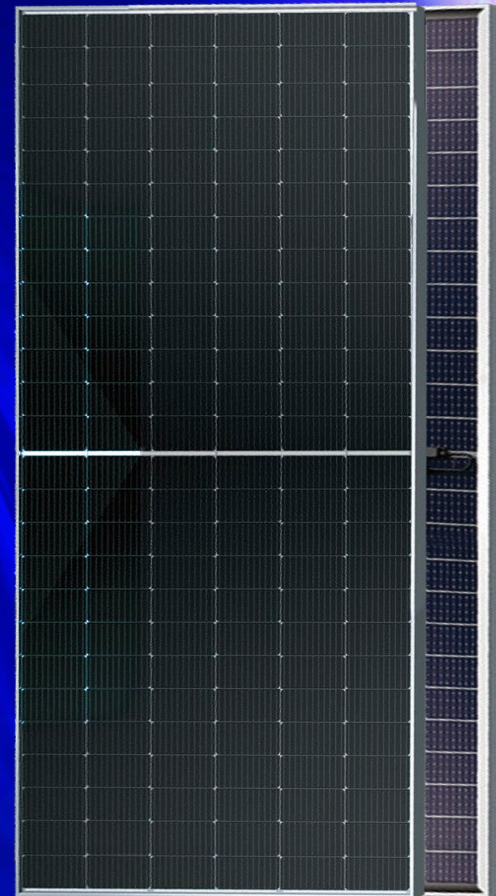


HT 182 TOPCon

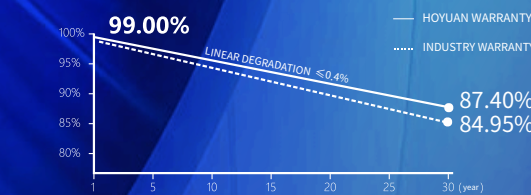
Bifacial Series

625~635W

HY-NT10/78GDF (625~635W)



- Module Efficiency up to 22.7%
- 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/m<sup>2</sup>, Cell Temperature 25° C, AM=1.5

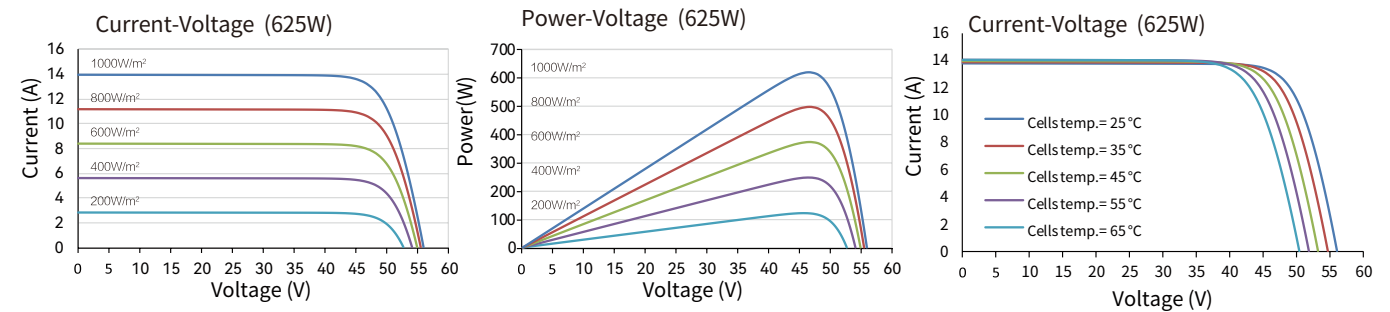
	HY-NT10/78GDF 625	HY-NT10/78GDF 630	HY-NT10/78GDF 635
Rated output (Pmpp / Wp)	625	630	635
Rated voltage (Vmpp / V)	46.37	46.57	46.77
Rated current (Impp / A)	13.48	13.53	13.58
Open circuit voltage (Voc / V)	56.21	56.41	56.61
Short-circuit current (Isc / A)	14.05	14.11	14.17
Module efficiency	22.4%	22.5%	22.7%
Power sorting tolerance	0~+5W		

Electrical Specification (BNPI) : Ef=1000W/m<sup>2</sup>, Er=135W/m<sup>2</sup>, AM=1.5, Tc=25° C  
Bifaciality Coefficients: φPmax: 80±10%, φVoc: 100±3%, φIsc: 80±10%

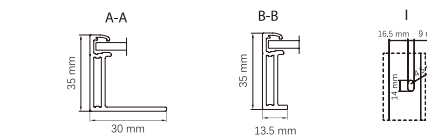
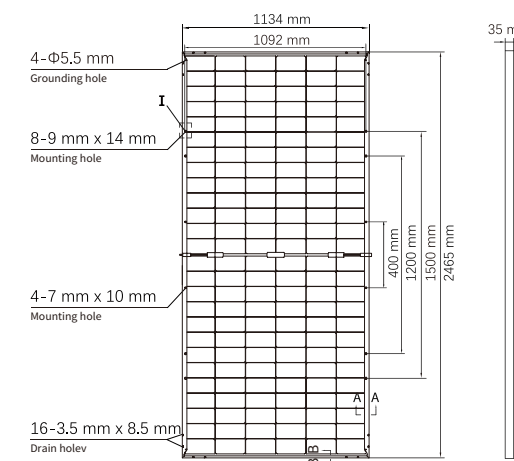
	686.7	692.5	697.4
Rated output (Pmpp / Wp)	686.7	692.5	697.4
Rated voltage (Vmpp / V)	46.37	46.57	46.75
Rated current (Impp / A)	14.81	14.87	14.92
Open circuit voltage (Voc / V)	56.21	56.41	56.56
Short-circuit current (Isc / A)	15.44	15.51	15.57

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

	465.3	469.0	473.2
Rated output (Pmpp / Wp)	465.3	469.0	473.2
Rated voltage (Vmpp / V)	43.12	43.31	43.49
Rated current (Impp / A)	10.79	10.83	10.88
Open circuit voltage (Voc / V)	53.39	53.58	53.77
Short-circuit current (Isc / A)	11.24	11.29	11.34



Mechanical parameters



Outer dimensions (L x W x H)	2465 x 1134 x 35 mm
Cell	N type mono-crystalline
Number of cells	156 (6*26)
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 <sup>2</sup> / 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	34.7 kg
Packaging unit	31 pcs / box (Subject to sales contract)
Weight of packing unit	1129kg / box
Modules per 40' HQ container	496 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.