

UNI H

UE720H-66HBD

N-type HJT Bifacial Dual Glass Solar Module



HJT 2.0 Technology

Combining gettering process and single-side μ -Si technology to ensure higher cell efficiency and higher module power.



-0.26%/°C Pmax temperature coefficient

More stable power generation performance and even better in hot climate.



SMBB design with Half-Cut Technology

Shorter current transmission distance, less resistive loss and higher cell efficiency.



Up to 90% Bifaciality

Natural symmetrical bifacial structure bringing more energy yield from the backside.



Sealing with PIB based sealant

Stronger water resistance, greater air impermeability to extent module lifespan.

700-720W



Quality Management System and Product Certification

IEC 61215, IEC 61730, UL 61730

ISO9001: 2015: ISO Quality Management System.

ISO14001: 2015: ISO Environmental Management System.

ISO45001: 2018: Occupation Health and Safety.

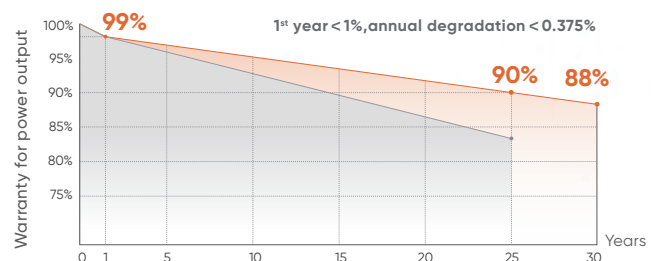
IEC62941: Guideline for module design qualification and type approval.



Quality Guarantee

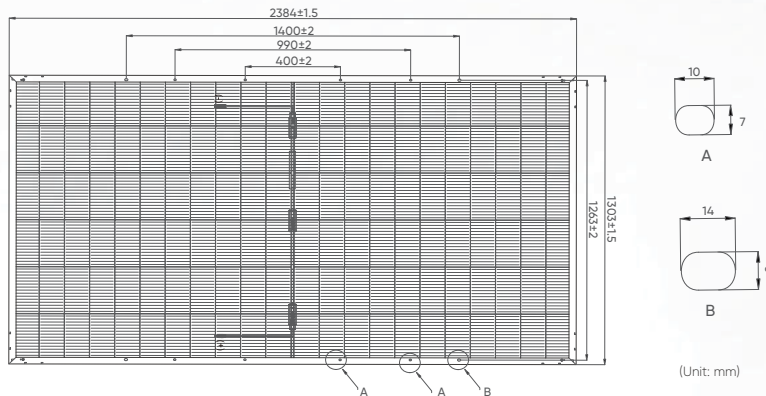
15 Year Materials Warranty

30 Year Power Warranty

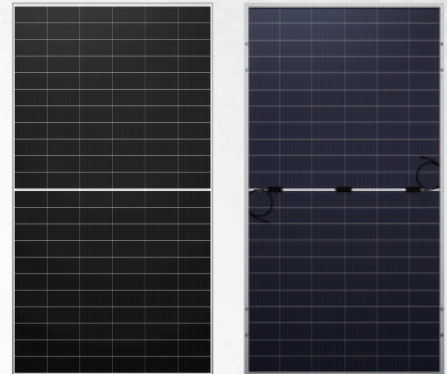


Less than 1% attenuation in the 1st year, the annual attenuation from the 2nd year is no more than 0.375%, and the power is no less than 88% until the 30th year.

Drawings



Product Image



Mechanical Characteristics

Solar Cells	HJT Mono 210×105mm
No. of Cells	132 (6×22)
Dimensions	2384 × 1303 × 35mm
Weight	38.7kg
Glass Thickness	(F) 2.0mm anti-reflective solar glass (B) 2.0mm solar glass
Frame	Anodized aluminium alloy
Junction Box	IP68
Output Cables	4mm ² , 300mm in length, length can be customized / UV resistant
Connectors	MC4 original /MC4 compatible
Mechanical load test	5400Pa
Packaging	31pcs/Pallet, 558pcs/40'HQ

Operating Characteristics

Operating Module Temperature	-40°C ~ +85°C
Maximum System Voltage	DC 1500 (IEC)
Maximum Series Fuse Rating	30A
Power Tolerance	0~+5W
Bifaciality	85%±5%

Temperature Characteristics

Nominal Operating Cell Temp. (NOCT)	44±2°C
Temperature Coefficient of Pmax	-0.26%/°C
Temperature Coefficient of Voc	-0.24%/°C
Temperature Coefficient of Isc	0.04%/°C

Electrical Parameters (STC*)

Module Type:	700	705	710	715	720
Maximum Power (Pmax/W)	700	705	710	715	720
Module Efficiency (%)	22.53	22.70	22.86	23.02	23.18
Optimum Operating Voltage (Vmp/V)	42.10	42.25	42.39	42.54	42.68
Optimum Operating Current (Imp/A)	16.63	16.69	16.75	16.81	16.87
Open Circuit Voltage (Voc/V)	50.13	50.29	50.44	50.59	50.74
Short Circuit Current (Isc/A)	17.43	17.49	17.55	17.61	17.67

BSTC*

	770	775	780	785	790
Maximum Power (Pmax/W)	770	775	780	785	790
Optimum Operating Voltage (Vmp/V)	42.10	42.25	42.39	42.54	42.68
Optimum Operating Current (Imp/A)	18.29	18.35	18.41	18.46	18.51
Open Circuit Voltage (Voc/V)	50.13	50.29	50.44	50.59	50.74
Short Circuit Current (Isc/A)	19.17	19.22	19.28	19.33	19.39

*STC: Irradiance 1000 W/m², cell temperature 25°C, AM=1.5. Tolerance of Pmax is within +/- 3%.

*BSTC: Front side irradiation 1000W/m², back side reflection irradiation 135W/m², AM=1.5, ambient temperature 25°C.