

N-Type GSD8K66H [710-740W]

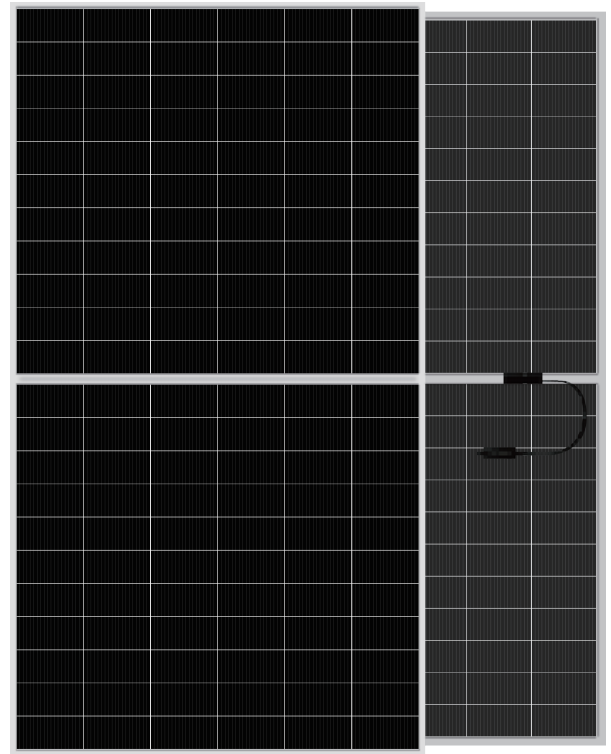
Bifacial Dual Glass Half-cut HJT

IEC 61215 / IEC 61730 / UL 61730

ISO9001: 2015: Quality Management System

ISO14001:2015: Environment Management System

ISO45001:2018: Occupational Health And Safety Management System



KEY FEATURES



N-type HJT technology

HJT Microcrystalline technology applied



Lower Attenuation

Components have better reliability and lower LID/LETID attenuation



Double Power Output

The dual-glass module has a bifaciality up to 90% and a power generation gain of 7%-30% on the back side



Wider Application

No water-permeability and high wear-resistance, can be widely used in high-humid, windy and dusty area



No PID phenomenon

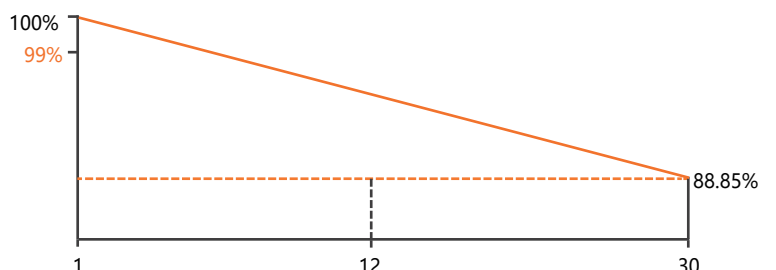
Excellent Anti-PID performance guarantee via optimized mass-production process and materials control

Guaranteed Power Performance

25 Years Product Warranty

30 Years Linear Power Warranty

0.35% Annual Degradation Over 30 Years



As different markets have different certification requirements, please consult our G-Star sales group to obtain the corresponding certification for the local market. If any special requirements are needed for the specific installing environment, please feel free to contact G-star technical support department anytime.

GSD8K66H 710-740W

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Weight

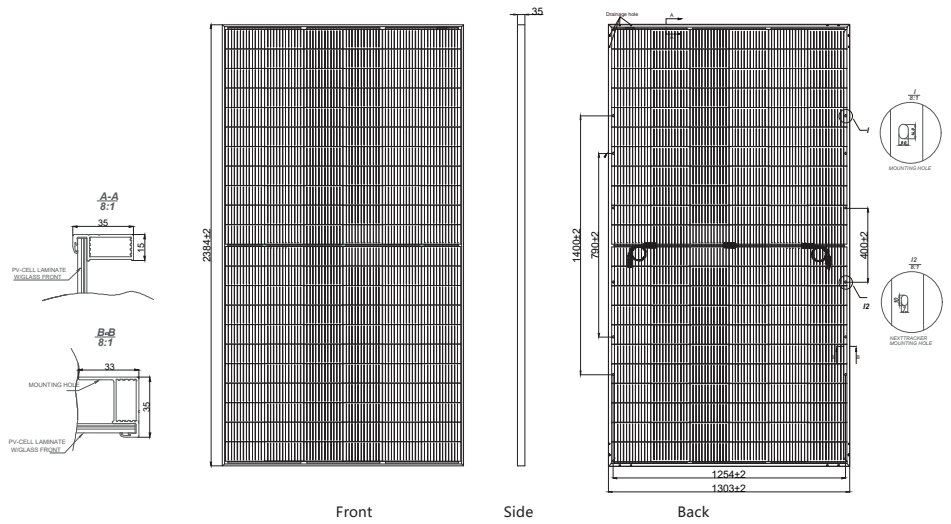
39 kg

Dimensions

2384X1303X35mm

Packaging

31pcs/pallet,558pcs/ 40'HQ Container
558pcs/ 40'HQ Container(USA)



OPERATING CONDITIONS

Operating Temperature	-40°C~+85°C
Maximum System Voltage	1500V/DC(IEC)
Maximum Series Fuse Rating	35A
Power Tolerance	0~+3%
Temperature Coefficients Of Pmax	-0.26%/°C
Temperature Coefficients Of Voc	-0.24%/°C
Temperature Coefficients Of Isc	0.04%/°C
Nominal Module Operating Temperature(NMOT)	44±2°C
*Under STC :BACKside Output Ration =Pmax(rear)/Pmax(front) 85%±5%	

MECHANICAL CHARACTERISTICS

Cell Type	HJT 210*105mm
No. Of Cells	132 pcs in series (6x22)
Front Glass	2.0mm, Anti-Reflection Coating
Back Glass	2.0mm, Heat Strengthened Glass
Frame	Anodized Aluminium Alloy,silver or black
Junction Box	IP68 ,3Bypass Diodes
Output Cables	300mm in legh or Customized Length
Connectors	MC4/MC4-EVO2
Mechanical Load	5400Pa(Front)/2400Pa(Back)

ELECTRICAL PARAMETERS AT STC

Module Type	GSD8K66H-710WT	GSD8K66H-715WT	GSD8K66H-720WT	GSD8K66H-725WT	GSD8K66H-730WT	GSD8K66H-735WT	GSD8K66H-740WT
Maximum Power(Pmax)	710	715	720	725	730	735	740
Maximum Power Voltage (Vmp)	42.60	42.80	43.00	43.2	43.4	43.6	43.8
Maximum Power Current (Imp)	16.67	16.71	16.75	16.79	16.83	16.87	16.91
Open-Circuit Voltage (Voc)	50.50	50.70	50.90	51.1	51.3	51.5	51.7
Short-Circuit Current (Isc)	17.52	17.56	17.60	17.64	17.68	17.72	17.76
Module Efficiency STC (%)	22.86%	23.02%	23.18%	23.34%	23.50%	23.66%	23.82%

STC: Irradiance 1000W/m²,AM=1.5, Cell temperature 25°C.

ELECTRICAL PARAMETERS AT BSTC**

Maximum Power(Pmax)	780	785	790	795	800	805	810
Maximum Power Voltage (Vmp)	42.60	42.80	43.00	43.2	43.4	43.6	43.8
Maximum Power Current (Imp)	18.31	18.35	18.38	18.41	18.44	18.47	18.51
Open-Circuit Voltage (Voc)	50.50	50.70	50.90	51.1	51.3	51.5	51.7
Short-Circuit Current (Isc)	19.40	19.44	19.48	19.53	19.57	19.61	19.65
Module Efficiency BSTC (%)	25.11%	25.27%	25.43%	25.59%	25.75%	25.91%	26.08%

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

IV-CURVE

