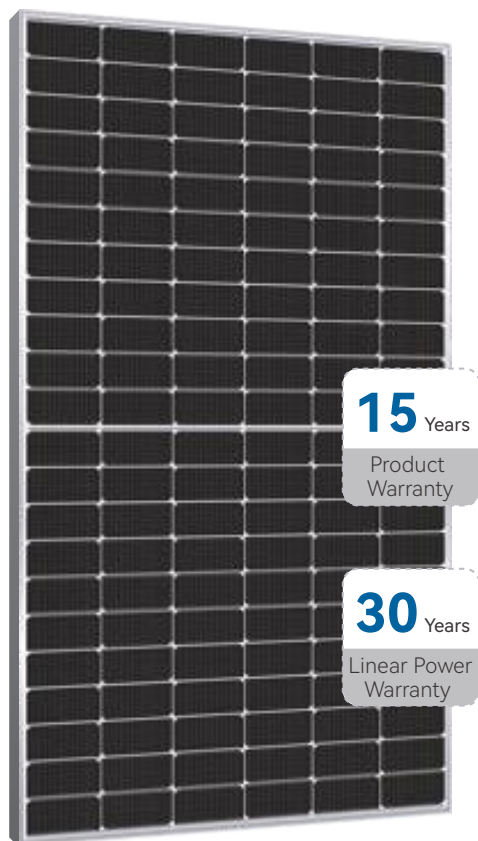




High Efficiency **HJT** Module

GSM-MH3/132-BHDG740

715W | 720W | 725W | 730W | 735W | 740W

740W

Maximum
Power Output

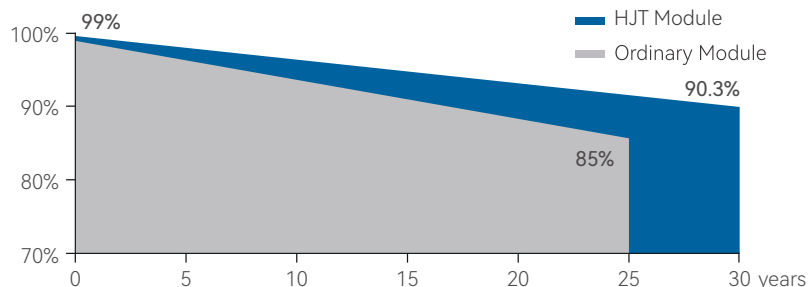
23.82%

Maximum
Efficiency

90%+

Bifaciality

Quality Assurance



Product Features



Reduced Silver Use

Removing the main grid/busbar from the cell end reducing silver consumption by over 30%



Superior High-Efficiency Cells

Integrating high-efficiency 210mm HJT cell technology and zero-busbar module technology



Power-Boosting Design

No obstruction from PAD points; paired with custom-developed coated glass to increase power by over 1.5%



Robust High Molecular Frame

Integrated with high molecular composite frame, no PID higher strength



Better Warranty

Extremely low LID/PID in longer service life, with 9.7% power degradation over 30 years



High Reliability

Certified mechanical performance up to 5400 Pa positive load and 2400 Pa negative load, with better protection against harsh weather

Certificates


JP-AC

Electrical Data(STC)

Model	GSM-MH3/132-BHDG715	GSM-MH3/132-BHDG720	GSM-MH3/132-BHDG725	GSM-MH3/132-BHDG730	GSM-MH3/132-BHDG735	GSM-MH3/132-BHDG740
Pmax(Wp)	715	720	725	730	735	740
Voc(V)	50.16	50.32	50.46	50.66	50.80	50.95
Isc(A)	17.97	18.03	18.09	18.20	18.26	18.32
Vmpp(V)	42.21	42.37	42.51	42.63	42.77	42.92
Impp(A)	16.95	17.01	17.07	17.13	17.19	17.25
Efficiency	23.02%	23.18%	23.34%	23.51%	23.67%	23.82%

STC: AM1.5 Irradiance: 1000W/m², Temperature=25°C

Electrical Characteristics(BSTC)

Model	GSM-MH3/132-BHDG715	GSM-MH3/132-BHDG720	GSM-MH3/132-BHDG725	GSM-MH3/132-BHDG730	GSM-MH3/132-BHDG735	GSM-MH3/132-BHDG740
Pmax(Wp)	787	792	798	803	809	814
Voc(V)	49.09	49.23	49.37	49.51	49.62	49.75
Isc(A)	19.25	19.31	19.37	19.44	19.50	19.57
Vmpp(V)	42.54	42.69	42.83	42.97	43.11	43.23
Impp(A)	18.49	18.56	18.62	18.69	18.76	18.83

α_{isc} (%/K): 0.04; β_{Voc} (%/K): -0.24; γ_{Pmp} (%/K): -0.24

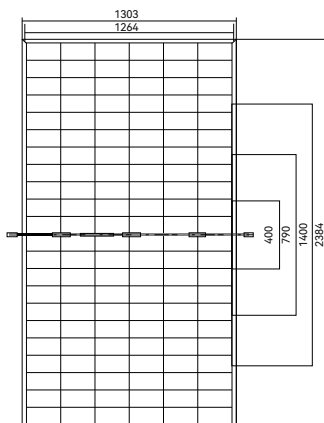
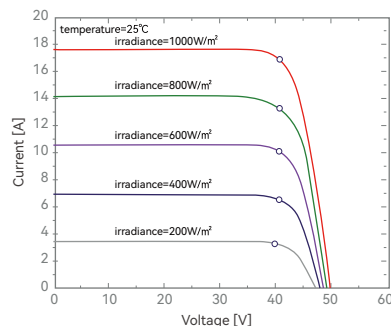
AM1.5, Front irradiance: 1000W/m², Back Irradiance 135W/m², Temperature=25°C

Mechanical Data

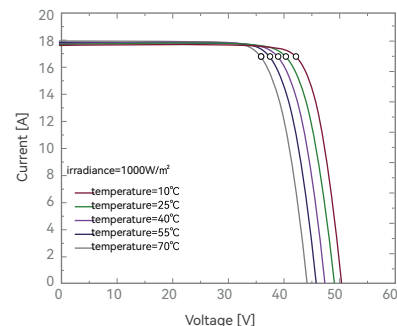
Cell(mm)	210×105
Weight(kg)	38.5±0.5kg
Dimension(L×W×H)(mm)	2384×1303×33mm
Cable(mm)	4mm ² , 300mm (customized length based on needs)
Frame	Composite Material Frame
Junction Box	IP68, 1500VDC, 3Diodes
Packaging configuration	33pcs/pallet; 17pallet/container; 561pcs/container 33pcs/pallet; 23pallet/Trailer; 759pcs/Trailer

Working Condition

Maximum System Voltage	1500VDC
Operating Temperature	-40°C ~ +85°C
Maximum Fuse Rating	35A
Rear Side Mechanical Load	2400Pa
Front Side Mechanical Load	5400Pa
NOCT	44±2°C
Safety Rating	Class II
Grounding Electric Conductivity	< 0.1Ω

Dimensions (mm)

I-V Diagram


Different Irradiance



Different Temperature

