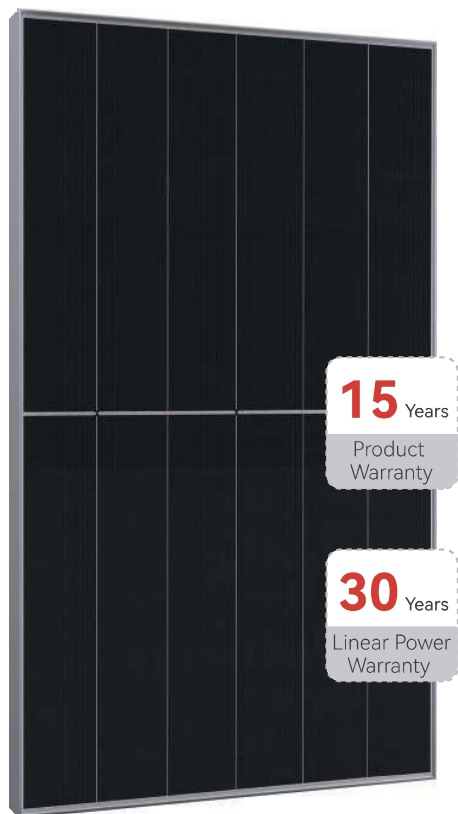




High Efficiency **HJT** Module

GSM-MH3/132-BHDG750

730W | 735W | 740W | 745W | 750W

750W

Maximum
Power Output

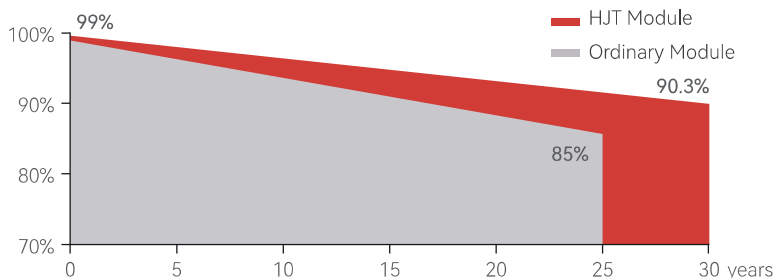
24.14%

Maximum
Efficiency

90%+

Bifaciality

Quality Assurance



Product Features



Ultra-high Efficiency Design

Ultra-high efficiency design unleashes superior energy potential



Triple-boosted Performance Technology

Triple-boosted performance with negative-gap layout, 0BB design, and multi-slice technology to maximize power output



Superior High-Efficiency Cells

Enhanced conversion efficiency achieved through large-format HJT cells and advanced edge passivation technology



Better Warranty

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

Certificates



JP-AC

Electrical Data(STC)

Model	GSM-MH3/132-BHDG730	GSM-MH3/132-BHDG735	GSM-MH3/132-BHDG740	GSM-MH3/132-BHDG745	GSM-MH3/132-BHDG750
Pmax(Wp)	730	735	740	745	750
Voc(V)	51.72	51.84	51.96	52.08	52.20
Isc(A)	17.28	17.36	17.44	17.52	17.60
Vmpp(V)	44.24	44.33	44.42	44.51	44.60
Impp(A)	16.50	16.58	16.66	16.74	16.82
Efficiency	23.50%	23.66%	23.82%	23.98%	24.14%

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

Electrical Characteristics(BSTC)

Model	GSM-MH3/132-BHDG730	GSM-MH3/132-BHDG735	GSM-MH3/132-BHDG740	GSM-MH3/132-BHDG745	GSM-MH3/132-BHDG750
Pmax(Wp)	820.67	826.29	831.91	837.53	843.15
Voc(V)	51.91	52.03	52.15	52.27	52.39
Isc(A)	19.43	19.52	19.61	19.70	19.79
Vmpp(V)	44.24	44.33	44.42	44.51	44.60
Impp(A)	18.55	18.64	18.73	18.82	18.91

αsc (%/K): 0.04; βVoc (%/K): -0.24; γPmp (%/K): -0.24

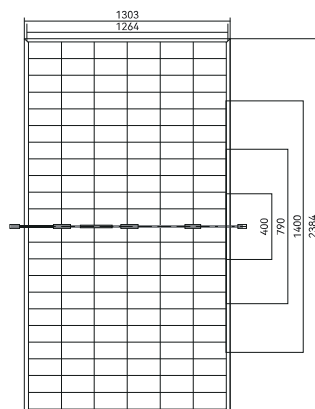
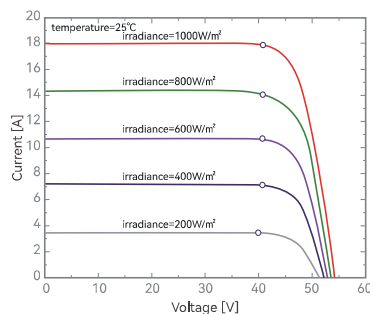
BSTC: AM1.5, Front irradiance: 1000W/m², Back Irradiance 135W/m², Temperature=25°C

Mechanical Data

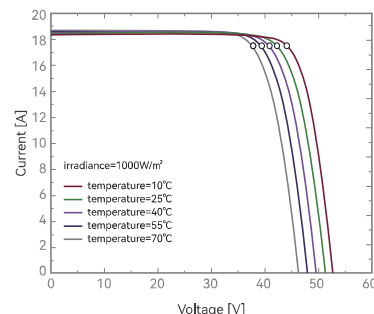
Cell(mm)	210×105 All Dimensions
Weight(kg)	38.5±0.5kg
Dimension(L×W×H)(mm)	2384×1303×33mm
Cable(mm)	4mm ² , 300mm (customized length based on needs)
Frame	Anodized aluminum
Junction Box	IP68, 1500VDC, 3Diodes
Packaging configuration (40' Container; 17.5'Trailer)	33pcs/pallet; 18pallet/container; 594pcs/container 33pcs/pallet; 24pallet/Trailer; 792pcs/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

