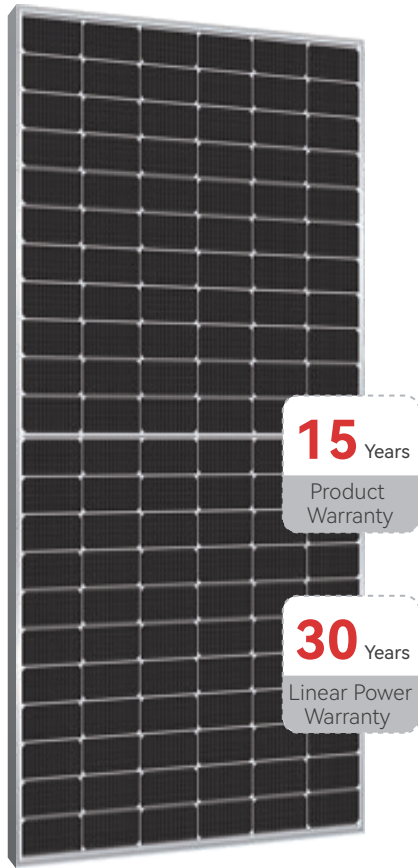




High Efficiency **HJT** Module

GSM-MH2/132-BHDG635

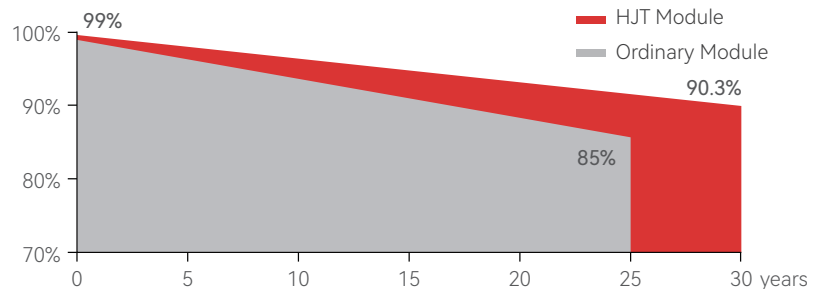
615W | 620W | 625W | 630W | 635W

635W
Maximum
Power Output

23.51%
Maximum
Efficiency

90%+
Bifaciality

Quality Assurance



Product Features



Industry-Leading Process Technology

Advanced HJT cell/module design, higher reliability and outstanding performance



High Energy Yield

Maximum Module Efficiency up to 23.51% achieved by mature mass production HJT cell technology



Rectangular HJT Cells

Innovative rectangular silicon wafer, Lowering integrated costs while enhancing yields



Better Warranty

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



Versatile Adaptability

Adaptable to various scenarios, expanding application possibilities and enriching product offerings



Maximized Space Utilization

Optimized dimensions maximize container space utilization, achieving up to 98.5% utilization rate

Certificates


JP-AC

Electrical Data(STC)

Model	GSM-MH2/132-BHDG615	GSM-MH2/132-BHDG620	GSM-MH2/132-BHDG625	GSM-MH2/132-BHDG630	GSM-MH2/132-BHDG635
Pmax(Wp)	615	620	625	630	635
Voc(V)	49.19	49.31	49.43	49.56	49.68
Isc(A)	15.79	15.90	16.01	16.12	16.23
Vmpp(V)	41.16	41.31	41.47	41.63	41.78
Imp(A)	14.95	15.02	15.08	15.14	15.20
Efficiency	22.77%	22.95%	23.14%	23.32%	23.51%

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

Electrical Characteristics(BSTC)

Model	GSM-MH2/132-BHDG615	GSM-MH2/132-BHDG620	GSM-MH2/132-BHDG625	GSM-MH2/132-BHDG630	GSM-MH2/132-BHDG635
Pmax(Wp)	689	694	700	705	710
Voc(V)	49.39	49.51	49.63	49.76	49.88
Isc(A)	17.69	17.80	17.91	18.02	18.13
Vmpp(V)	41.31	41.46	41.62	41.78	41.93
Imp(A)	16.69	16.76	16.82	16.88	16.94

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

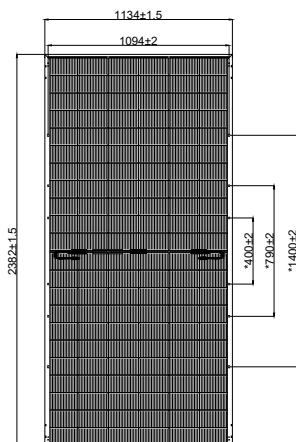
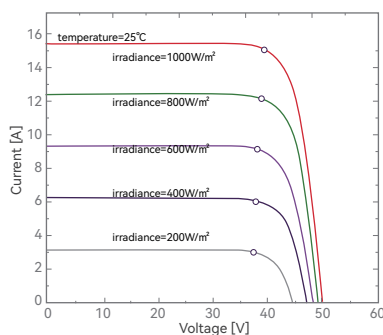
AM1.5, Front irradiance: 1000W/m², Back Irradiance135W/m², Temperature=25°C

Mechanical Data

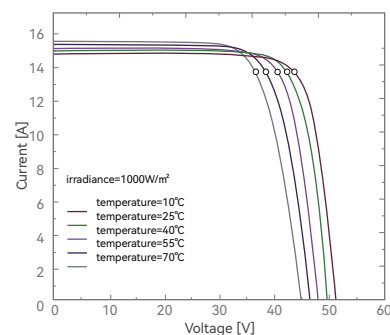
Cell(mm)	182×105 All Dimensions
Weight(kg)	33.6±0.5kg
Dimension(L×W×H)(mm)	2382×1134×30mm
Cable(mm)	4mm ² , 300mm (customized length based on needs)
Frame	Anodized aluminum
Junction Box	IP68, 1500VDC, 3Diodes
Packaging configuration (40'Container; 17.5'Trailer)	36pcs/pallet; 20pallet/container; 720pcs/container 36pcs/pallet; 24pallet/Trailer; 864pcs/Trailer

Working Condition

Maximum System Voltage	1500VDC
Operating Temperature	-40°C ~ +85°C
Maximum Fuse Rating	30A
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

