

**15** Years

Product  
Warranty

**30** Years

Linear Power  
Warranty

## High Efficiency **HJT** Module

# GSM-MH3/132-BHDG740

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

**740W**

Maximum  
Power Output

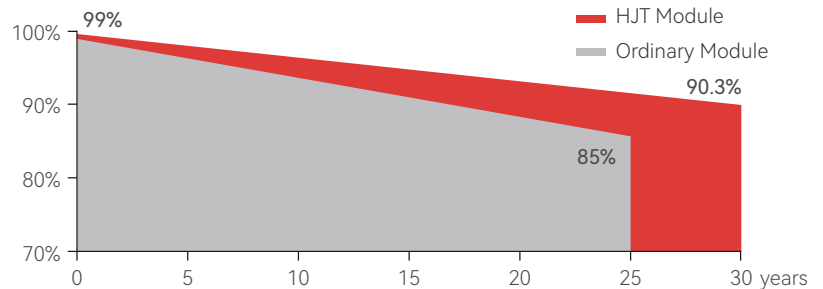
**23.82%**

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%



#### Optimized Current Collection

Utilizing finer, more numerous low-temperature solder wires at the module end for enhanced current collection capability



#### 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
Imp(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/m<sup>2</sup>, 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)	805	811	816	821	826	832
Voc(V)	50.35	50.51	50.65	50.85	50.99	51.14
Isc(A)	20.15	20.21	20.27	20.38	20.44	20.50
Vmpp(V)	42.35	42.51	42.65	42.77	42.91	43.06
Imp(A)	19.03	19.09	19.15	19.21	19.27	19.33

 $\alpha_{isc} (\%/K): 0.04; \beta_{Voc} (\%/K): -0.24; \gamma_{Pmp} (\%/K): -0.24$ 

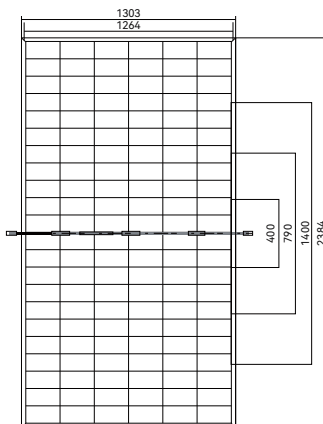
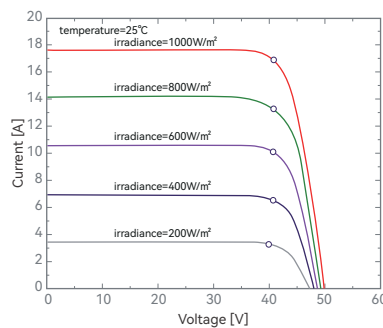
 BSTC: AM1.5, Front irradiance: 1000W/m<sup>2</sup>, Back Irradiance 135W/m<sup>2</sup>, Temperature=25°C

**Mechanical Data**

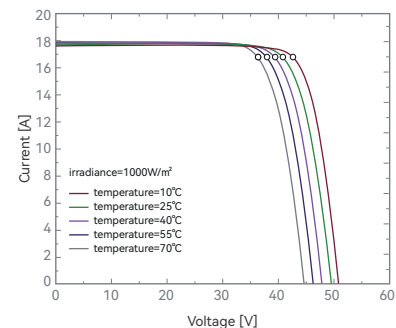
Cell(mm)	210×105 All Dimensions
Weight(kg)	38.5±0.5kg
Dimension(L×W×H)(mm)	2384×1303×33mm
Cable(mm)	4mm <sup>2</sup> , 300mm (customized length based on needs)
Frame	Anodized aluminum
Junction Box	IP68, 1500VDC, 3Diodes
Packaging configuration	33pcs/pallet; 18pallet/container; 594pcs/container; 40' Container;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

