

BIFACIAL MODULE WITH DUAL GLASS

W9-710~730HBG-E1

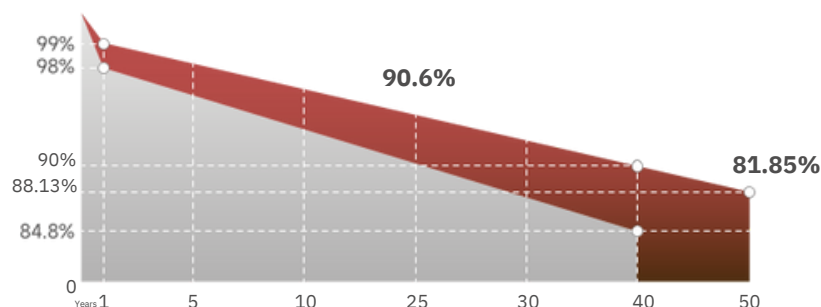
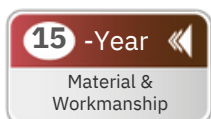
BC-Type / Partial Shading Optimisation · PFAS - free

- Advanced 210HJT cell and MBB module technology leads to higher efficiency
- N-type solar cell has no LID naturally, can increase power generation
 - Excellent cell color control · Non destructive cutting · Thinner wafer
- Excellent Power Generation Performance
 - Excellent IAM and low irradiation performance · Lower temperature coefficient
 - 0.3% linear Power decline
- Flexible for system deployment
 - Perfect size and low weight · Diverse installation solutions · Leads to avoid fire
- Enhanced Mechanical Load
 - Mechanical performance up to 5400pa positive load and 2400pa negative load

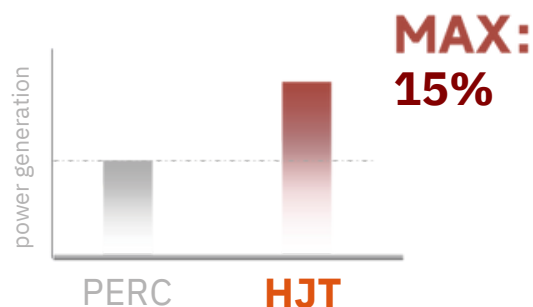


Complete System
and IEC Product Certification

IEC 61215(2016), IEC 61730(2016) ISO9001:
2015: Quality Management System ISO14001:
2015: Environment Management System
ISO45001: 2018: Occupational Health
and Safety Management System

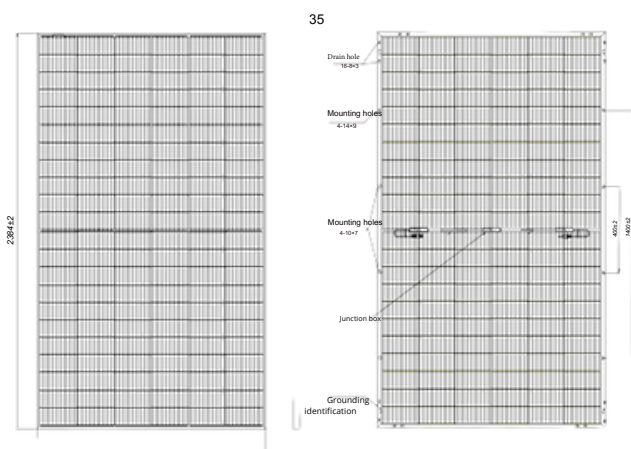


50-Year Excess Linear Power Output Warranty



W9-710~730HBG-E1

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Drawing Only for Reference

Current-voltage curve 710W

Current(A)

Power-voltage curve 710W

Power(W)

Voltage (V)

Voltage (V)

Electrical Characteristics STC	W9-710HBG-E1	W9-715HBG-E1	W9-720HBG-E1	W9-725HBG-E1	W9-730HBG-E1
Maximum Power (Pmax)	710W	715W	720W	725W	730W
Power Tolerance	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W
Module Efficiency	22.86%	23.02%	23.18%	23.34%	23.50%
Maximum Power Current (Imp)	16.91A	16.98A	17.05A	17.13A	17.20A
Maximum Power Voltage (Vmp)	42.01V	42.12V	42.24V	42.37V	42.49V
Short Circuit Current (Isc)	17.53A	17.59A	17.65A	17.72A	17.78A
Open Circuit Voltage (Voc)	49.45V	49.52V	49.59V	49.65V	49.73V

Values at Standard Test Conditions STC (AM1.5, Irradiance 1000W/m², Cell Temperature 25°C)

Bifacial Electrical Parameters	W9-710HBG-E1	W9-715HBG-E1	W9-720HBG-E1	W9-725HBG-E1	W9-730HBG-E1
Maximum Power (Pmax)	795W	800W	805W	810W	815W
Maximum Power Current (Imp)	18.76A	18.83A	18.91A	18.97A	19.03A
Maximum Power Voltage (Vmp)	42.38V	42.49V	42.58V	42.70V	42.83V
Short Circuit Current (Isc)	19.65A	19.75A	18.86A	19.97A	20.05A
Open Circuit Voltage (Voc)	49.58V	49.64V	49.68V	49.70V	49.81V

BSTC(Bifacial Standard Test Condition): front side irradiance 1000w/m²,back side irradiance 135w/m², AM1.5,ambient temperature 25°C

Mechanical Characteristics

Cell Type	Mono HJT-Type, 210x210(±1)mm, 132(6x22)Half-Cut Cells
Glass	2mm+2mm,High Transmission,Low Iron,Semi-Tempered glass
Frame	Anodized Aluminum Alloy
Juction Box	IP68 Rated
Dimension	2384x1303x35mm
Output Cable	4mm2(EU),+200mm,-300mm or Customized
Weight	37.8kg
Connector	MC4 compatible

Characteristics

Temperature Coefficient of (Voc)	-0.24%/°C
Temperature Coefficient of (Isc)	+0.04%/°C
Temperature Coefficient of (Pmax)	-0.25%/°C
Nominal Operating Cell Temperature (NOCT)	43±2°C
Fire Performance	IEC Class C

Remark: Electrical data in this catalog do not refer to a single module and they are not part of the offer. They only serve for comparison among different module types.

Packing

Container	Pallets	Per	40' HQ
Container	Pieces	Per	18
Container			558

Maximum Ratings

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