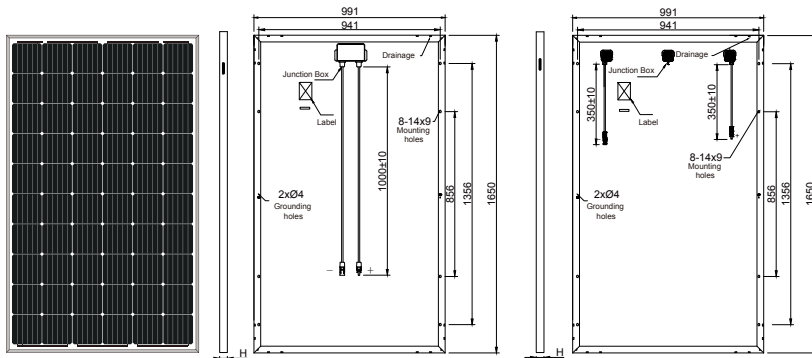


Monocrystalline Silicon Module

290W / 295W / 300W



Mechanical Parameters

Solar Cell	Mono 156.75*156.75mm
Cell Orientation	60pcs (6*10)
Module Dimensions	1650*991*35mm
Weight	18.3kgs
Glass	3.2mm coated tempered glass
Frame	silver anodized Aluminum alloy
Junction Box	IP67 / IP68
Cables	4.0mm ² , 900mm
Connector	PV-XT101
Max. Wind Load / Max. Snow Load	2400Pa / 5400Pa

Electrical Parameters at STC*

*STC: Irradiance 1000W/m², Module temperature at 25°C, AM 1.5

Model	HB290-60M	HB295-60M	HB300-60M
Rated Max. Power (Pmax/W)	290±3%	295±3%	300±3%
Max. Power Voltage (Vmp/V)	32.21	32.51	32.61
Max. Power Current (Imp/A)	9.01	9.07	9.19
Open Circuit Voltage (Voc/V)	39.51±3%	39.7±3%	39.91±3%
Short Circuit Current (Isc/A)	9.50±3%	9.55±3%	9.64±3%
Module Efficiency (%)	18.28	18.53	18.79

Electrical Parameters at NOCT*

*NOCT: Irradiance 800W/m², Module temperature at 20°C, AM 1.5, Wind speed 1m/S

Rated Max. Power (Pmax/W)	216	219	223
Max. Power Voltage (Vmp/V)	29.8	30.1	30.4
Max. Power Current (Imp/A)	7.14	7.33	7.38
Open Circuit Voltage (Voc/V)	36.3	36.6	36.8
Short Circuit Current (Isc/A)	7.65	7.71	7.76

Temperature Characteristics

Temperature Coefficient of Pmax	-0.39%/°C
Temperature Coefficient of Voc	-0.30%/°C
Temperature Coefficient of Isc	+0.06%/°C
Normal Operating Cell Temperature (NOCT)	45°C±2°C

Packing Configuration

Packing Configuration	20GP	40HQ
Pieces per Pallet	30	
Pallets per Container	12	28
Pieces per Container	360	840

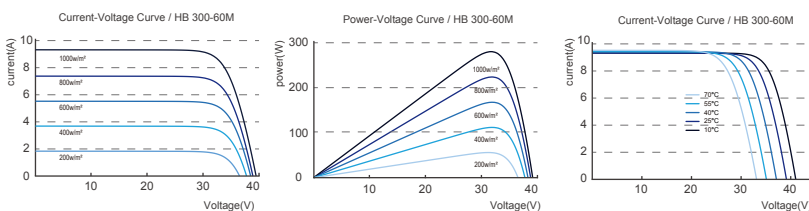
Certified Product

- IEC 61215 / IEC 61730 / CE
- ISO 9001:2008 Quality Management System (QMS)
- ISO 14001:2004 Environment Management System (EMS)
- OHSAS 18001:2007 Occupational Health and Safety Management System

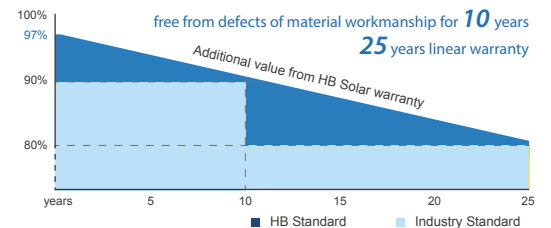
Working Parameters

Operating Temperature (°C)	-40 ~ +85
Max. System Voltage (V)	DC 1000 (IEC)
Max. Series Fuse (A)	15
Application Class	Class II
Power Tolerance	0 ~ +5Wp

I-V Curves



Quality Assurance



Made in China

*Specifications in this datasheet are subject to technical changes and product innovations. High Hope reserves the rights of final explanation.