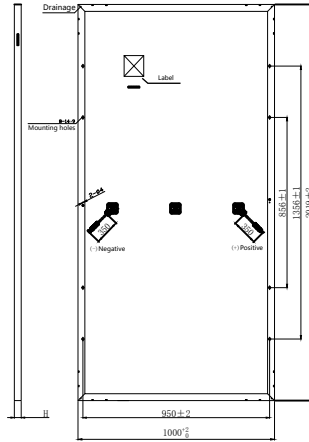
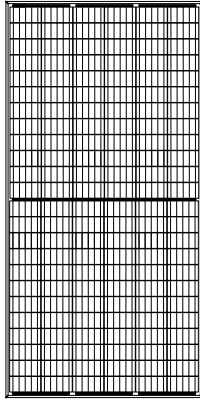


Made in China

Monocrystalline Silicon Module
390W / 395W / 400W / 405W / 410W



Mechanical Parameters

Solar Cell	Mono 158.75*79.375mm
Cell Orientation	144pcs (6*24)
Module Dimensions	2019*1000*35mm
Weight	22.7kgs
Glass	3.2mm coated tempered glass
Frame	silver anodized Aluminum alloy
Junction Box	IP67 / IP68
Cables	4.0mm ² , +1000mm / -1000mm
Connector	Make: Xiong / Model: 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	HB390-72MH	HB395-72MH	HB400-72MH	HB405-72MH	HB410-72MH
Rated Max. Power (Pmax/W)	390	395	400	405	410
Max. Power Voltage (Vmp/V)	40.10	40.23	40.33	40.43	40.63
Max. Power Current (Imp/A)	9.81	9.89	9.96	10.04	10.11
Open Circuit Voltage (Voc/V)	47.71	47.81	47.91	48.41	48.61
Short Circuit Current (Isc/A)	10.37	10.45	10.52	10.60	10.62
Module Efficiency (%)	19.32	19.56	19.81	20.06	20.31

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)	283.0	286.7	290.3	294.0	297.7
Max. Power Voltage (Vmp/V)	36.15	36.42	36.35	36.49	36.58
Max. Power Current (Imp/A)	7.83	7.91	7.99	8.06	8.14
Open Circuit Voltage (Voc/V)	44.04	44.13	44.22	44.32	44.41
Short Circuit Current (Isc/A)	8.35	8.43	8.51	8.59	8.67

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)	44°C±2°C

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

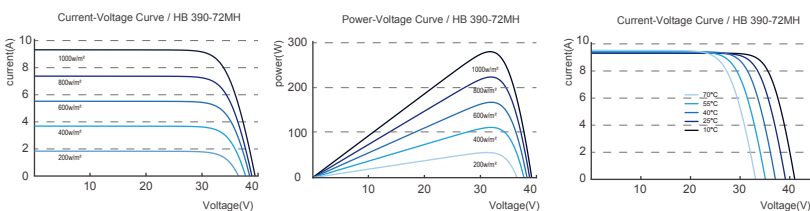
Packing Configuration

Packing Configuration	20GP	40HQ
Pieces per Pallet	31	
Pieces per Container	310	682

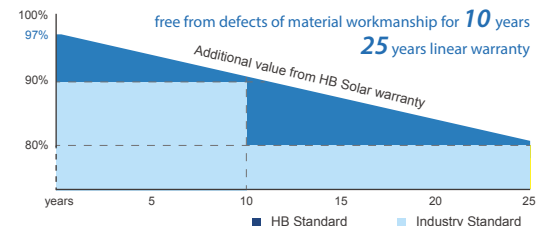
Working Parameters

Operating Temperature (°C)	-40 ~ +85
Max. System Voltage (Vdc)	1000
Max. Series Fuse (A)	20
Safety Class against IEC61140	Class II
Fire Safety Class against UL790	Class C
Power Sorting Tolerance	5Wp
Measurement Tolerances for Power Rating	±3%

I-V Curves



Quality Assurance



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