

# JW-HT120N

N-type  
Single Glass Mono Module

**375-395W**

Cell Type



9BB



**395W**

Maximum Power Output

**21.65%**

Maximum Module Efficiency

**0~+5W**

Power Output Tolerance



### High Power Output

MBB technology reduces the distance between busbars and finger grid lines, improving reliability and increasing output



### ZERO LID (Light Induced Degradation)

N-type solar cell has no LID naturally, can increase power generation



### Lower LCOE

High bifaciality, high power output, saving BOS cost



### Better Weak Illumination Response

Wide spectral response, higher power output even under low-light settings like smog or cloudy days



### Better Temperature Coefficient

Higher power generation under working conditions, thanks to passivating contact cell technology



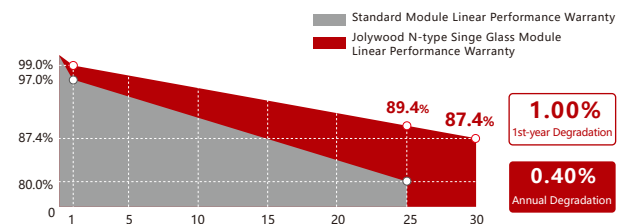
### Lighter Module Weight

Reduces weight by more than 20% compared to bifacial double glass module

## Jolywood Delivers Reliable Performance Over Time

- Leader of N-type bifacial technology
- Fully automatic facility and world-class technology
- Long term reliability tests passed
- BNEF Tier One

## Linear Performance Warranty



12 Years Product Material & Workmanship 30 Years Linear Performance Warranty

# JW-HT120N Series | N-type Single Glass Mono Module

## Electrical Properties | STC\*

Testing Condition	Front Side	Front Side	Front Side	Front Side	Front Side
Peak Power (Pmax) (W)	375	380	385	390	395
MPP Voltage (Vmp) (V)	34.7	34.9	35.1	35.3	35.5
MPP Current (Imp) (A)	10.81	10.89	10.97	11.05	11.13
Open Circuit Voltage (Voc) (V)	41.6	41.8	42.0	42.2	42.4
Short Circuit Current (Isc) (A)	11.45	11.54	11.62	11.69	11.77
Module Efficiency (%)	20.55	20.83	21.10	21.38	21.65

\*STC: Irradiance 1000 W/m<sup>2</sup>, Cell Temperature 25°C, AM1.5  
The data above is for reference only and the actual data is in accordance with the practical testing  
Power Measurement Tolerance ±3%

## Electrical Properties | NOCT\*

Testing Condition	Front Side	Front Side	Front Side	Front Side	Front Side
Peak Power (Pmax) (W)	284	287	291	295	299
MPP Voltage (Vmp) (V)	32.5	32.7	32.9	33.1	33.3
MPP Current (Imp) (A)	8.72	8.78	8.84	8.91	8.97
Open Circuit Voltage (Voc) (V)	39.8	40.0	40.1	40.3	40.5
Short Circuit Current (Isc) (A)	9.23	9.30	9.37	9.43	9.49

\*NOCT: Irradiance at 800 W/m<sup>2</sup>, Ambient Temperature 20°C, Wind Speed 1 m/s

## Operating Properties

Operating Temperature (°C)	-40°C~+85°C
Maximum System Voltage (V)	1500V (IEC)
Maximum Series Fuse Rating (A)	25
Power Tolerance	0~+5W

## Temperature Coefficient

Temperature Coefficient of Pmax*	-0.320%/°C
Temperature Coefficient of Voc	-0.260%/°C
Temperature Coefficient of Isc	+0.046%/°C
Nominal Operating Cell Temperature (NOCT)	42±2°C

\*Temperature Coefficient of Pmax±0.03%/°C

## Mechanical Properties

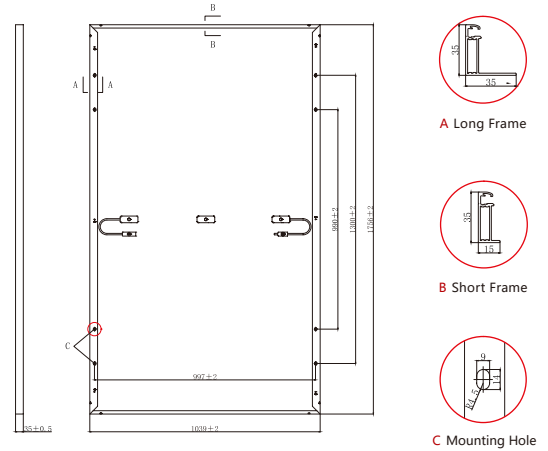
Cell Type	166.00mm*83.00mm
Number of Cells	120pcs(12*10)
Dimension	1756mm*1039mm*35mm
Weight	20.5kg
Front Glass*	3.2mm
Frame	Anodized Aluminium
Junction Box	IP68 (3 diodes)
Length of Cable*	4.0mm <sup>2</sup> , +1300mm/-1300mm
Connector	MC4 Compatible

\*Heat strengthened glass  
\*Cable length can be customized

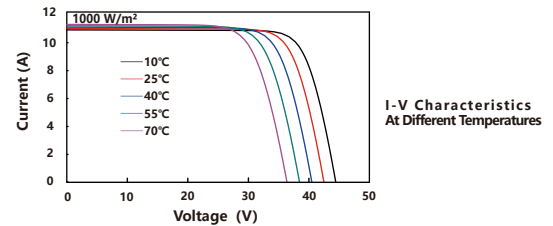
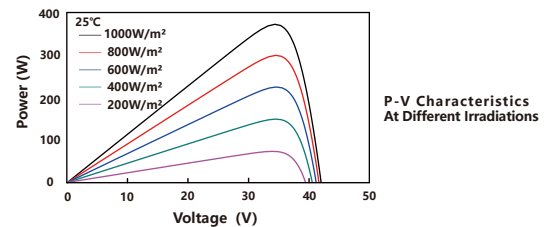
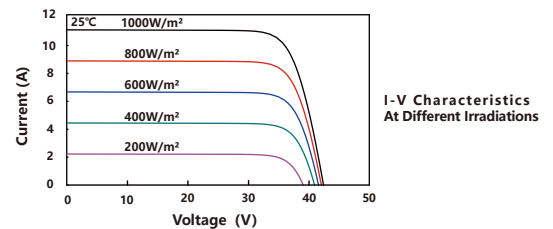
## Partner Section

NOTE :

## Engineering Drawing (unit: mm)



## Characteristic Curves | HT120N-380



## Packaging Configuration

Packing Type	20'GP	40'GP	40'HQ
Piece/Pallet		31	
Pallet/Container	6	13	26
Piece/Container	186	403	682

\*The specification and key features described in this datasheet may deviate slightly and are not guaranteed. Due to ongoing innovation, R&D enhancement, Jolywood (Taizhou) Solar Technology Co., Ltd. reserves the right to make any adjustment to the information described herein at any time without notice. Please always obtain the most recent version of the datasheet which shall be duly incorporated into the binding contract made by the parties governing all transactions related to the purchase and sale of the products described herein.

