

JW-HT132N

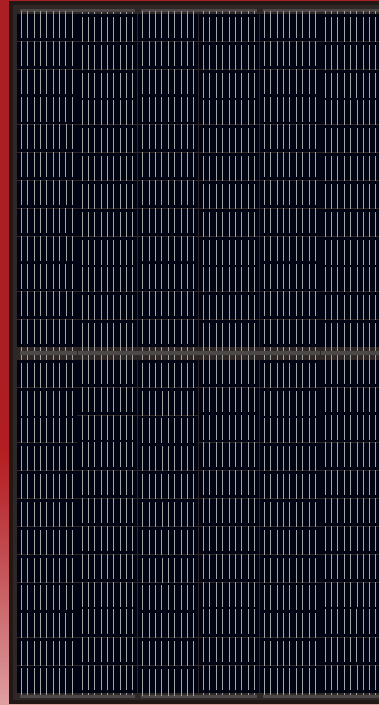
N-type High Efficiency Black Mono Silicon Half-Cell Single Glass Module

345-370W

Cell Type



9BB



370W

Maximum Power Output

20.04%

Maximum Module Efficiency

0~+5W

Power Output Guarantee



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 power and 1500V system voltage, 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



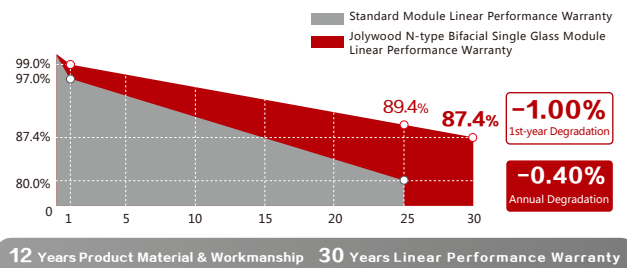
Outstanding visual appearance

Designed with aesthetics in mind, thinner wires that appear all black at a distance

Jolywood Delivers Reliable Performance Over Time

- Global leader in N-cell & module production
- Fully automatic facility and world-class technology
- Long term reliability tests
- 100% EL inspection ensuring defect-free modules

Linear Performance Warranty



Additional Insurance Backed by Munich Re



JW-HT132N Series

N-type High Efficiency Black Mono Silicon Half-cell Single Glass Module

Electrical Properties | STC*

Testing Condition	Front Side	Front Side	Front Side	Front Side	Front Side	Front Side
Peak Power (Pmax) (W)	345	350	355	360	365	370
MPP Voltage (Vmp) (V)	36.9	37.2	37.5	37.8	38.1	38.4
MPP Current (Imp) (A)	9.36	9.42	9.47	9.53	9.59	9.64
Open Circuit Voltage (Voc) (V)	44.3	44.6	44.9	45.2	45.5	45.8
Short Circuit Current (Isc) (A)	9.83	9.88	9.93	9.98	10.03	10.08
Module Efficiency (%)	18.68	18.95	19.22	19.50	19.77	20.04

*STC: Irradiance 1000 W/m², Cell Temperature 25°C, AM1.5
The data above is for reference only and the actual data is in accordance with the practical testing

Electrical Properties | NOCT*

Testing Condition	Front Side	Front Side	Front Side	Front Side	Front Side	Front Side
Peak Power (Pmax) (W)	261	265	269	272	276	280
MPP Voltage (Vmp) (V)	34.6	34.9	35.2	35.4	35.7	36.0
MPP Current (Imp) (A)	7.55	7.59	7.64	7.68	7.73	7.77
Open Circuit Voltage (Voc) (V)	42.3	42.6	42.9	43.2	43.5	43.8
Short Circuit Current (Isc) (A)	7.93	7.97	8.01	8.05	8.09	8.13

*NOCT: Irradiance at 800 W/m², 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)	20
Power Tolerance	0~+5W
Bifaciality*	70%

*Bifaciality=Pmaxrear (STC) /Pmaxfront (STC) , Bifaciality tolerance:±5%

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	158.75mm*79.375mm
Number of Cells	132pcs(12*11)
Dimension	1854mm*996mm*35mm
Weight	21.5kg
Front Glass*	3.2mm
Frame	Anodized Aluminium
Junction Box	IP67 (3 diodes)
Length of Cable*	4.0mm ² , 300mm
Connector	MC4 Compatible

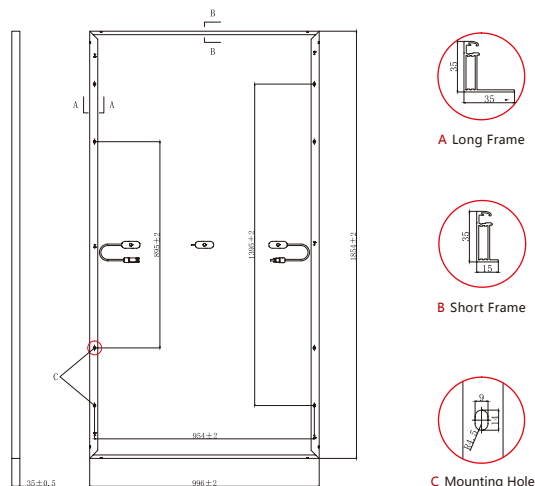
*Tempered glass

*Cable length can be customized

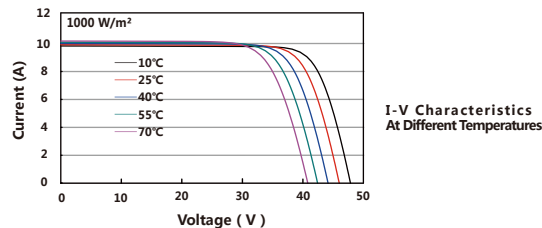
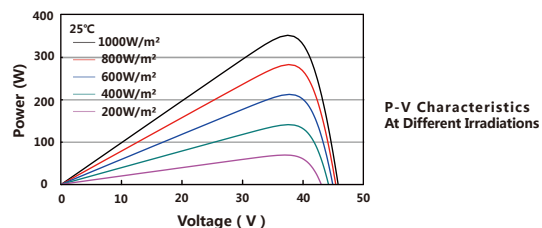
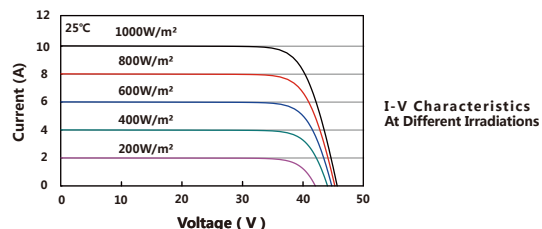
With Different Power Generation Gain (regarding 365W as an example)

Power Gain (%)	Peak Power (Pmax) (W)	MPP Voltage (Vmp) (V)	MPP Current (Imp) (A)	Open Circuit Voltage (Voc) (V)	Short Circuit Current (Isc) (A)
5	378	38.1	9.92	45.5	10.37
10	391	38.1	10.24	45.5	10.71
15	403	38.2	10.57	45.6	11.05
20	416	38.2	10.89	45.6	11.39
25	429	38.2	11.22	45.6	11.74

Engineering Drawing (unit : mm)



Characteristic Curves | HT132N-365



Packaging Configuration

Packing Type	20'GP	40'GP	40'HQ
Piece/Pallet		30	
Pallet/Container	6	12	24
Piece/Container	180	360	720

*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.

