

JW-HT108N

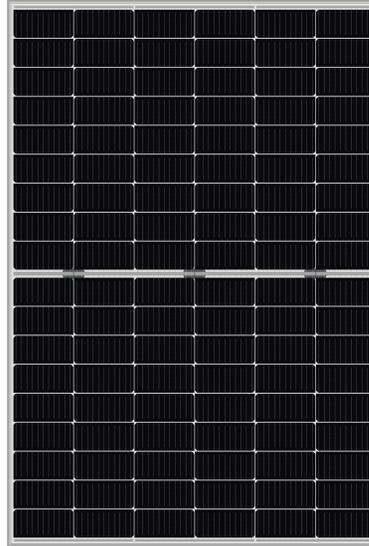
N-type High Efficiency Mono Silicon Half-Cell Single Glass Module

400-425W

Cell Type



11BB



425W

Maximum Power Output

21.69%

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



Better Weak Illumination Response

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



Lower LCOE

High power and 1500V system voltage, saving BOS cost



Better Temperature Coefficient

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



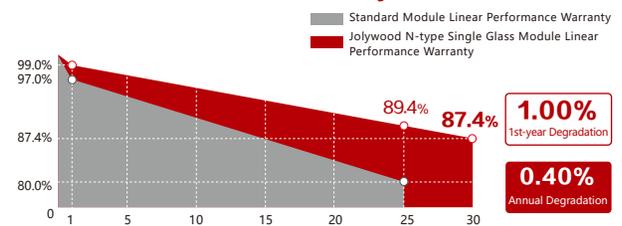
Lighter Module Weight

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
- 100% EL tests

Linear Performance Warranty



15 Years Product Material & Workmanship 30 Years Linear Performance Warranty

Additional Insurance Backed by Munich Re



JW-HT108N Series

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

Electrical Properties | STC*

Testing Condition	Front Side					
Peak Power (Pmax) (W)	400	405	410	415	420	425
MPP Voltage (Vmp) (V)	31.1	31.3	31.5	31.7	31.9	32.1
MPP Current (Imp) (A)	12.87	12.95	13.02	13.10	13.17	13.24
Open Circuit Voltage (Voc) (V)	37.1	37.3	37.5	37.7	37.9	38.1
Short Circuit Current (Isc) (A)	13.67	13.75	13.82	13.91	13.98	14.05
Module Efficiency (%)	20.41	20.67	20.92	21.18	21.43	21.69

*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
Power Measurement Tolerance ±3%

Electrical Properties | NOCT*

Testing Condition	Front Side					
Peak Power (Pmax) (W)	303	306	310	314	318	322
MPP Voltage (Vmp) (V)	29.2	29.3	29.5	29.7	29.9	30.1
MPP Current (Imp) (A)	10.38	10.44	10.50	10.56	10.62	10.67
Open Circuit Voltage (Voc) (V)	35.5	35.7	35.8	36.0	36.2	36.4
Short Circuit Current (Isc) (A)	11.02	11.09	11.14	11.22	11.27	11.33

*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)	30
Power Tolerance	0~+5W
Fire class	C

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

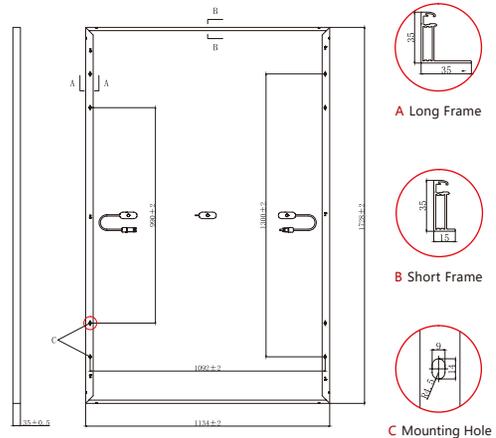
Cell Type	182.00mm*91.00mm
Number of Cells	108pcs(12*9)
Dimension	1728mm*1134mm*35mm
Weight	22.5kg
Front Glass*	3.2mm
Frame	Anodized Aluminium
Junction Box	IP68 (3 diodes)
Length of Cable*	4.0mm ² , +300mm/-180mm
Connector	QC Solar QC4.10-cd / Staubli EVO2

*Tempered glass
*Cable length can be customized

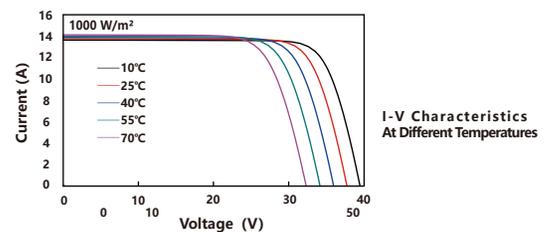
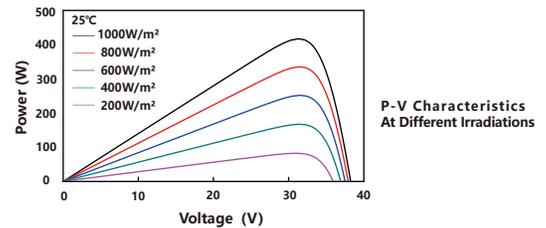
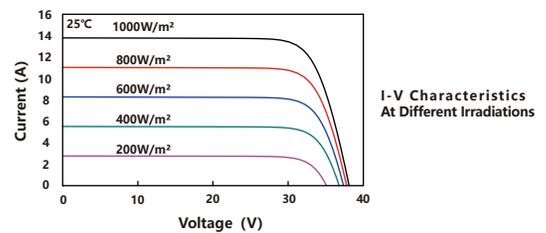
Partner Section

NOTE :

Engineering Drawing (unit: mm)



Characteristic Curves | HT108N-410



Packaging Configuration

Packing Type	20'GP	40'GP	40'HQ
Piece/Pallet		31	
Pallet/Container	6	13	26
Piece/Container	186	403	806

*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.



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Made in China

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