

JW-HT144P

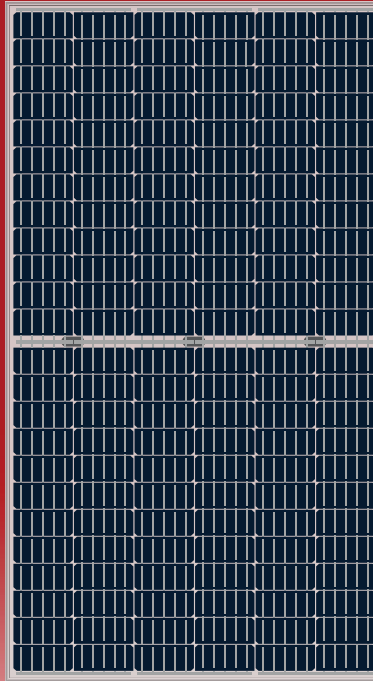
P-type Bifacial High Efficiency Mono Silicon Half-Cell Single Glass Module

370-405W

Cell Type



5BB



405W

Maximum Power Output

20.1%

Maximum Module Efficiency

0~+5W

Power Output Guarantee



Optimized system performance due to module level current sorting



Selected encapsulating material and stringent production process control ensure the product is highly PID resistant and snail trails free



Sand blowing test, salt mist test and ammonia test passed to endure harsh environments



More evenly distributed soldering points and better reliability and lower hot spot risk



Special cell process ensures great performance under low irradiance conditions

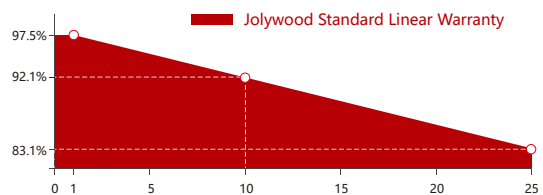


Transparent backsheet, double-sided sun capturing, power generation increase in returns

Jolywood Delivers Reliable Performance Over Time

- Leader of n-type bifacial technology
- Fully automatic facility and world-class technology
- Long term reliability tests
- 100% EL inspection ensuring defect-free modules

Linear Performance Warranty



10 Years Product Material & Workmanship 25 Years Linear Performance Warranty

Certification



JW-HT144P Series

P-type Bifacial High Efficiency Mono Silicon
Half-Cell Single Glass Module

Electrical Specification | STC*

Peak Power (Pmax) (W)	370	375	380	385	390	395	400	405
MPP Voltage (Vmp) (V)	39.79	39.98	40.17	40.36	40.55	40.73	40.90	41.08
MPP Current (Imp) (A)	9.30	9.38	9.46	9.54	9.62	9.70	9.78	9.86
Open Circuit Voltage (Voc) (V)	48.09	48.28	48.47	48.66	48.85	49.03	49.20	49.37
Short Circuit Current (Isc) (A)	10.01	10.07	10.13	10.19	10.25	10.31	10.37	10.43
Module Efficiency (%)	18.4	18.7	18.9	19.2	19.4	19.7	19.9	20.1
Power Output Tolerance (W)	0~+5							

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

Electrical Specification | NOCT*

Peak Power (Pmax) (W)	276.02	279.74	283.49	287.26	291.06	294.88	298.72	302.59
MPP Voltage (Vmp) (V)	37.00	37.20	37.40	37.60	37.80	38.00	38.20	38.40
MPP Current (Imp) (A)	7.46	7.52	7.58	7.64	7.70	7.76	7.82	7.88
Open Circuit Voltage (Voc) (V)	44.80	45.00	45.20	45.40	45.60	45.80	46.00	46.20
Short Circuit Current (Isc) (A)	7.92	7.98	8.04	8.10	8.16	8.22	8.28	8.34

*NOCT: Irradiance at 800 W/m², Ambient Temperature 20°C, Wind Speed 1 m/s

Maximum Ratings

Operating Temperature (°C)	-40°C~+85°C
Maximum System Voltage (V)	1500V DC
Max Series fuse Rating	20A

Temperature Ratings

Temperature Coefficient of Pmax*	-0.38%/°C
Temperature Coefficient of Voc	-0.30%/°C
Temperature Coefficient of Isc	+0.06%/°C
Nominal Operating Cell Temperature (NOCT)	43±2°C

Mechanical Date

Number of Cells	144pcs(12*12)
Dimension	2010mm*1000mm*35mm
Weight	23.1Kg
Glass	High transparency solar glass 3.2mm
Backsheet	Transparent
Frame	Silver, anodized aluminium alloy
Junction Box	IP68 Rated
Cable	4.0mm ² , 200/200mm
Number of diodes	3
Wind/Snow Load	2400Pa/5400Pa*
Connector	MC4 Compatible

*For more details please check the installation manual of Jolywood.cn

Packaging Configuration

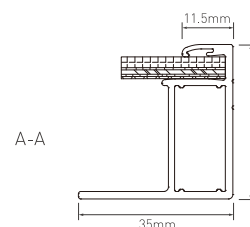
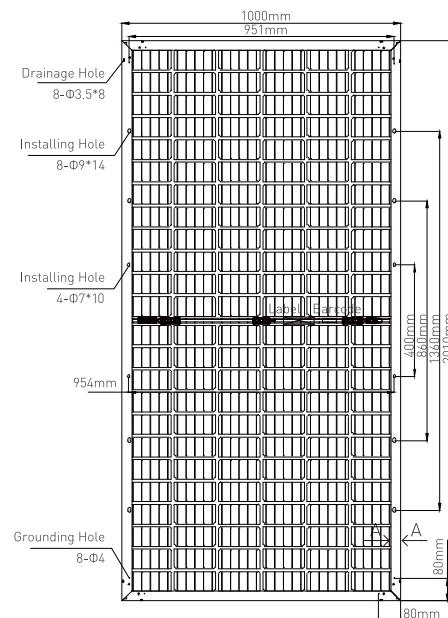
Module Per box	30 pieces
Module Per 40' container	660 pieces

Optional

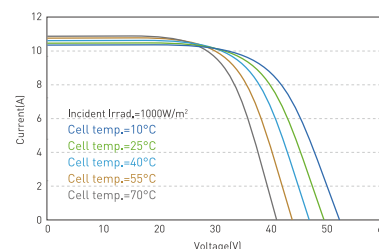
Connector: Original MC4

*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.

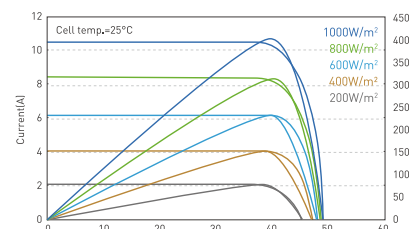
Module Dimension



I-V Curve at Different Temperature (405W)



I-V/P-V Curve at Different Irradiation (405W)



CAUTION: READ INSTALLATION MANUAL BEFORE USING THE PRODUCT



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