JT SIh(B) 365-380W

Dual-glass Monocrystalline Solar Module

120 Cells / MBB / Bifacial Mono PERC / 1500V DC / 18.4% Maximum Efficiency

KEY FEATURES

Ultra-high power output
MBB mono PERC cell technology, maximum power output 380W
Half-cut cell layout, lower Rs loss and thermal coefficients
Bifacial cell, additional 5%-30% more yield

Ultra-high reliability
Dual-galss design with POE encapsulant, no PID risk
100% EL double inspection, stringent internal quality control

Excellent low light performance
Excellent low light performance on cloudy days
mornings and evenings

High system voltage Compatible
Maximum 1500V DC system voltage saves total system cost

High fire class
Fire class C certified, minimize the fire risk of the system

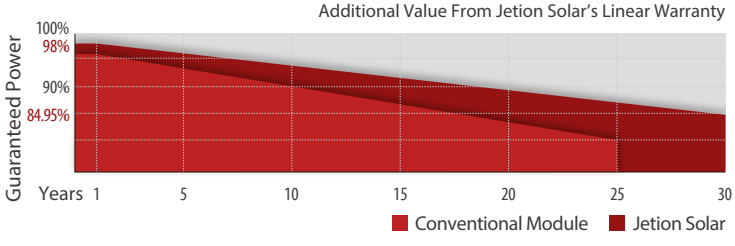
QUALIFICATIONS & CERTIFICATES

- IEC 61215, IEC 61730, IEC 62941
- ISO 9001: Quality Management System
- ISO 14001: Environment Management System
- ISO 45001: Occupational Health and Safety

WARRANTY

12 years Product Warranty

30 years Performance Warranty



JETION SOLAR

As a member of CNBM - a Fortune 500 company, Jetion Solar provides various product solutions, global EPC service and financing. Its standard and high-efficiency product offerings are among the most powerful and cost-effective in the industry. Till now, Jetion Solar has cumulatively more than 10 GW module shipment and 1 GW global EPC track records.

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SOLFIT

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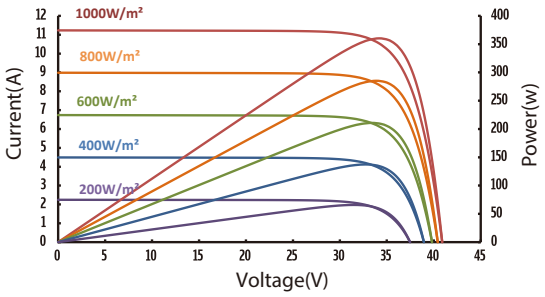
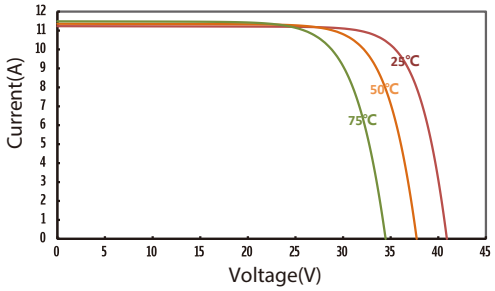
IV CURVES

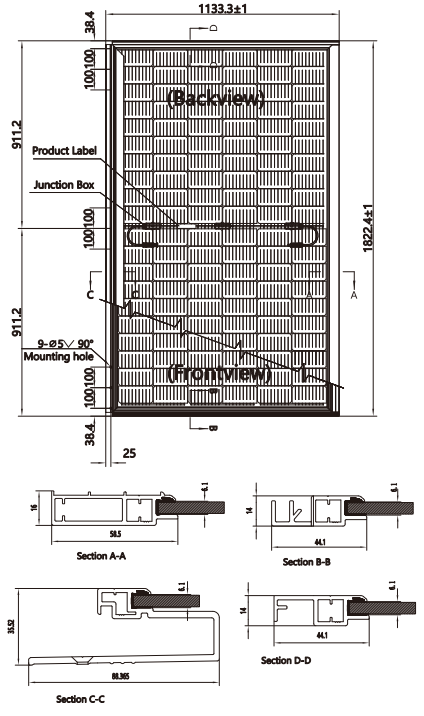
IV Curves of JT360SIh(B) at different irradiances



IV Curves of JT360SIh(B) at different Temp



DIMENSION



Remarks

ELECTRICAL DATA

TYPE (Tolerance: 0 - +5W)	JT365SIh(B)		JT370SIh(B)		JT375SIh(B)		JT380SIh(B)	
Test Condition	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum Power Pmax (W)	365	276.16	370	280.04	375	284.05	380	288.09
Maximum Power Voltage Vmp (V)	34.1	32.00	34.3	32.30	34.5	32.50	34.7	32.70
Maximum Power Current Imp (A)	10.71	8.63	10.79	8.67	10.87	8.74	10.96	8.81
Open Circuit Voltage Voc (V)	41.10	38.60	41.3	38.90	41.5	39.10	41.7	39.30
Short Circuit Current Isc (A)	11.32	9.10	11.41	9.14	11.49	9.21	11.58	9.28
Module Efficiency (%)	17.67%		17.91%		18.16%		18.40%	

STC: Irradiance 1000W/m², Cell Temperature 25°C, Air Mass AM1.5
NMOT: Irradiance at 800W/m², Ambient Temperature 20°C, Wind Speed 1m/s

Measuring tolerance: ±3%

REAR SIDE POWER GAIN (JT365SIh(B))

Power Gain	5%	10%	15%	20%	25%	30%
Maximum Power - Pmax (W)	383	402	420	438	456	475
Maximum Power Voltage -Vmp (V)	34.1	34.1	34.1	34.2	34.2	34.2
Maximum Power Current -Imp (A)	11.23	11.79	12.32	12.81	13.34	13.89
Open Circuit Voltage -Voc (V)	41.1	41.1	41.1	41.2	41.2	41.2
Short Circuit Current -Isc (A)	11.93	12.49	13.02	13.51	14.04	14.59

TEMPERATURE RATINGS

Temperature Coefficient of Isc (αIsc)	+0.048%/°C
Temperature Coefficient of Voc (βVoc)	-0.27%/°C
Temperature Coefficient of Pmax (γPmp)	-0.35%/°C
Normal Module Operating Temperature (NMOT)	41°C±3°C

OPERATING PARAMETERS

Maximum System Voltage	1500V/DC(IEC)
Operating Temperature	-40°C-+85°C
Maximum Series Fuse	20A
Maximum Test Load,Push/Pull	5400Pa/2400Pa
Conductivity at Ground	≤ 0.1Ω
Safety Class	II
Resistance	≥100MΩ
Voc and Isc Tolerance	±3%
Bifaciality	65±5%

MECHANICAL DATA

Solar Cell Type	Mono 83×166 mm(6 inches)
Number of Cells	120 [2 x (10 x 6)]
Module Dimensions	1822.4×1133.3×36 mm(71.7×44.6×1.4 inches)
Weight	25 kg(55.1 lb)
Front Cover	2.0 mm (0.08 inches), high transmission, AR coated tempered glass
Back Cover	2.0 mm (0.08 inches), High transmission, tempered, black grid glass
Frame	Black powder coating aluminum alloy
J-Box	≥IP68
Cable	4.0 mm² solar cable, 1100 mm(43.3 inches)
Number of diodes	3
Connector	Staubi EVO2

PACKAGING CONFIGURATION

Module per pallet	27 pieces
Module per 40'HQ container	24 pallets, 648 pieces

*Installation instruction must be followed.See the installation manual or contact our technical service department for further information on approved installation.
*The specification and key features described in this datasheet may deviate slightly and are not guaranteed. Due to ongoing innovation, R&D enhancement, Jetion Solar (China) 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. Jetion Solar_REV_2022_09_EN

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