



嘉JS盛



JS SOLAR

6" poly
72 cells
JS 285W-305W

ELECTRIC CHARACTERISTICS (STC*)

TYPE	JS	285P	290P	295P	300P	305P
Norminal Power(Pmax)	[W]	285	290	295	300	300
Voltage at Pmax(Vmp)	[V]	36.00	36.20	36.40	36.60	37.00
Current at Pmax(Imp)	[A]	7.93	8.03	8.12	8.23	8.25
Open Circuit Voltage(Voc)	[V]	44.05	44.10	44.15	44.20	45.40
Short Circuit Current(Isc)	[A]	8.60	8.64	8.68	8.72	8.75
Power Tolerance	[%]	0-3	0-3	0-3	0-3	0-3
Maximum System Voltage	IEC EN:1000V / UL: 600V / UL:1000V					
Module Efficiency	[%]	14.69%	14.98%	15.24%	15.52%	15.70%

STC* (Standard Test Conditions): Irradiance 1000w/m², Module Temperature 25°C, Air Mass 1.5
Best in Class AAA solar simulator (IEC 60904-9) used, power measurement uncertainty is within +/-3%

ELECTRICAL PERFORMANCE AT (NOCT)

TYPE	JS	285P	290P	295P	300P	305P
Power Output (Pmax)	[W]	208	211	215	218	221
Voltage at Pmax(Vmp)	[V]	33.0	33.1	33.2	33.3	33.4
Current at Pmax(Imp)	[A]	6.30	6.39	6.49	6.59	6.62
Open Circuit Voltage(Voc)	[V]	40.9	41.0	41.1	41.2	41.4
Short Circuit Current(Isc)	[A]	6.84	6.88	6.92	6.96	7.02

NOCT: Irradiance 800w/m², Module Temperature 45±2°C, Wind Speed 1m/s
Best in Class AAA solar simulator (IEC 60904-9) used, power measurement uncertainty is within +/-3%

TEMPERATURE CHARACTERISTICS

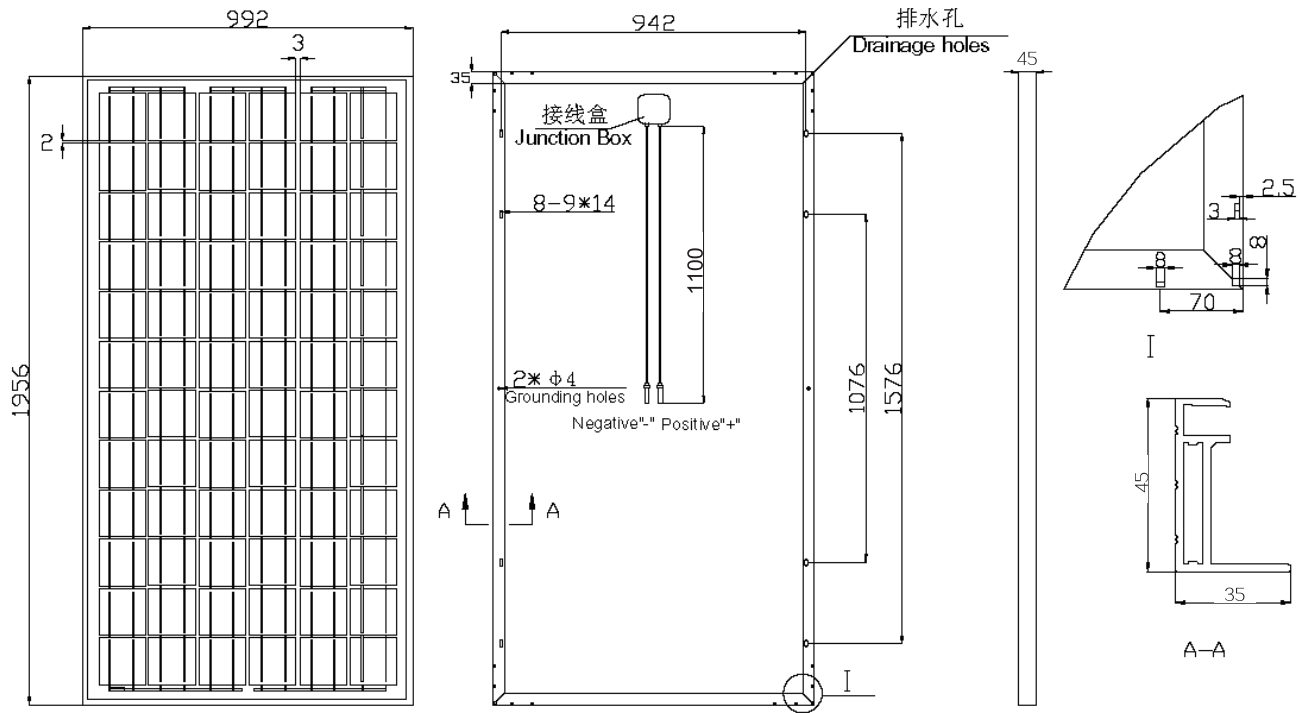
TYPE	JS285W-305W
NOCT*	45±2°C
Temperature Coefficient of Pmax	-0.45%/°C
Temperature Coefficient of Voc	-0.32%/°C
Temperature Coefficient of Isc	0.06%/°C
Maximum Series Fuse Rating	15A
Operatating Temperature	-40 to 85°C
Storage Temperature	-40 to 60°C

OPTIONS AVAILABLE

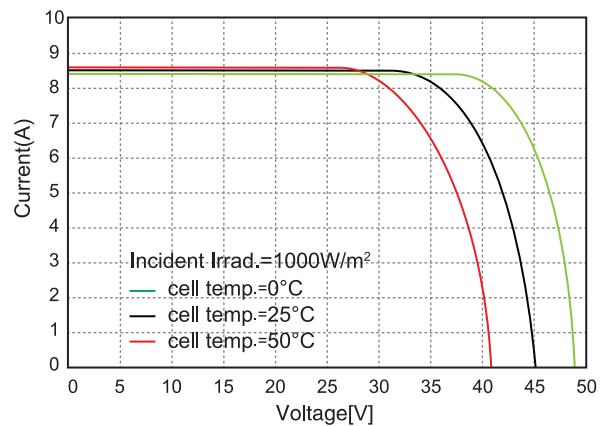
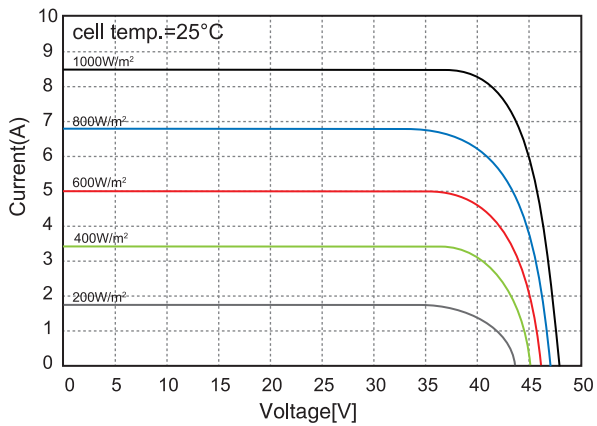
Transparent	Frameless
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SPECIFICATIONS

Dimension A*B*C (mm)	1956*992*45
Weight(kg)	23.5
Glass Type and Thickness	3.2mm/ 4.0mm, tempered glass / AR coating glass
Cable Length (mm)	1100
Type of Connector	MC4 or compatible connectors

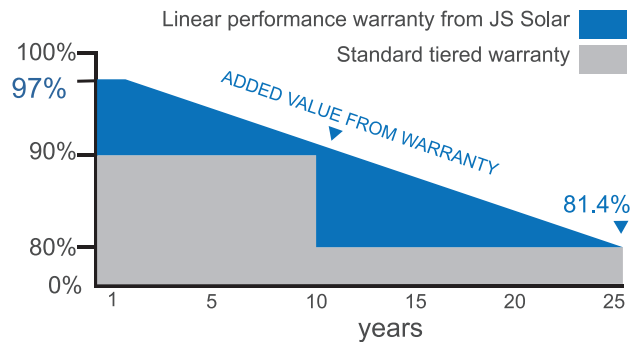


IV Curves



PRODUCT GUARANTEE:

- 25-year linear performance warranty ;
- 10-year warranty on materials and workmanship
- Product liability insurance
- Errors & Omissions Insurance



CERTIFICATIONS:



- Ammonia Resistance Tested
- Salt Corrosion Resistance Tested