



- Solar cell: High efficiency crystalline solar cell. Even if under the weak light, the solar module can produce maximum power output.
- Tempered glass: Anti-reflecting coating and high transmission rate glass increasing the power output and mechanical strength of solar module.
- EVA and TPT: Using high quality EVA and TPT to prevent destroying and water.
- All frames: Without screw scormer connection. 8 holes on the frame can be installed easily.
- Junction box: Multi-functional and water-proof junction box.
- Good performance of preventing from atrocious weather such as wind and hails.
- Resisting moisture and etching effectively, not effected by geology.
- Certificates issued by international authorities: ISO Quality Management system, CE, TUV ( IEC61215 and IEC61730 )
- Limited power degradation of Eagle module caused by PID effect is guaranteed under 60°C/85% RH condition for mass production.
- High salt and ammonia resistance certified by TUV NORD



### Mechanical Characteristics:

Cell Size (mm)	156X156
No. of cells	72(6X12)
Module Size (mm)	1956X992X40
Module Weight (KG)	21

# NBJ-330P

JINSHI SOLAR MODEL

## 72 CELLS

MULTICRYSTALLINE MODULE

## 300-330W

POWEROUTPUTRANGE

## 17.0%

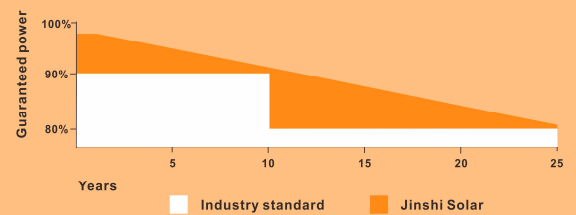
MAXIMUM EFFICIENCY

## 0~+3%

POWER OUTPUT GUARANTEE

### LINEAR PERFORMANCE WARRANTY

12 Year product warranty • 25 Year linear power warranty



### Packaging Specifications:

Number of modules per pallet	26
Number of pallets per 40' container	24
Packaging box dimensions (cm)	198x110x112
Box Weight (KG)	593

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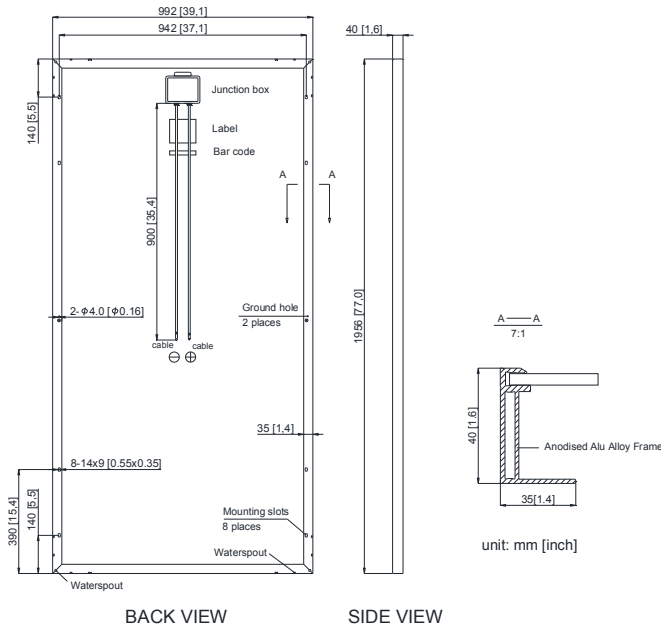


**Construction Materials:**

Front Glass	3.2mm, Low Iron, Tempered Glass
Frame	Anodized Aluminum Alloy Type 6063-T5
Junction Box	IP 65 Rated (Black)
Output Cables	TUV 1x4mm <sup>2</sup> , length:900mm

Connector	PV-ST101 (IP67)
Encapsulation Material	EVA(0.45±0.03mm thickness)
Back Foil	White TPT(0.32±0.03mm thickness)
Fixing Adhesive	Silicone Sealant(White)

**Module Diagram:**



**Temperature Coefficient:**

Power Tolerance	0~+3%
Temperature Coefficient of Pmax	(-0.43±0.05)%/°C
Temperature Coefficient of Voc	(-0.33±0.02)%/°C
Temperature Coefficient of Isc	(0.058±0.01) %/°C
NOTC(°C)	(47±2) °C

**Operating Conditions:**

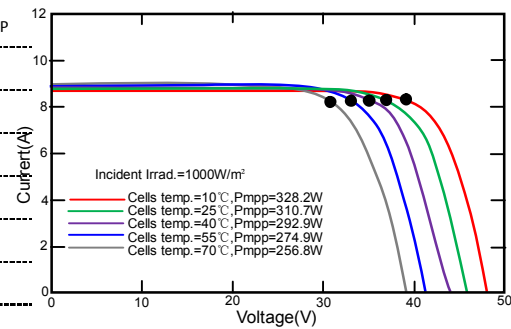
Max. system voltage	1500VDC (IEC)
Max. system fuse rating (A)	15
Operating temperature (°C)	-40~85
Max. static load, front (e.g., snow) pa	5400
Max. static load, back (e.g., wind) pa	2400

**Electrical Parameters at Standard Test Conditions (STC)**

Module type	NBJ-300P	NBJ-305P	NBJ-310P	NBJ-315P	NBJ-320P	NBJ-325P	NBJ-330P
Rated Maximum Power (Pmax/W)	300	305	310	315	320	325	330
Maximum Power Voltage (Vmp/V)	36.41	36.71	37.00	37.20	37.45	37.71	37.85
Open-circuit Voltage (Voc/V)	45.20	45.35	45.45	45.60	45.75	46.00	46.14
Maximum Power Current (Imp/A)	8.24	8.31	8.38	8.47	8.55	8.62	8.72
Short-circuit Current (Isc/A)	8.73	8.79	8.85	8.90	9.00	9.06	9.18
Module Efficiency (%)	15.5	15.7	16.0	16.2	16.5	16.7	17.0

STC: Irradiance 1000W/M2    Module Temperature: 25°C    AM=1.5

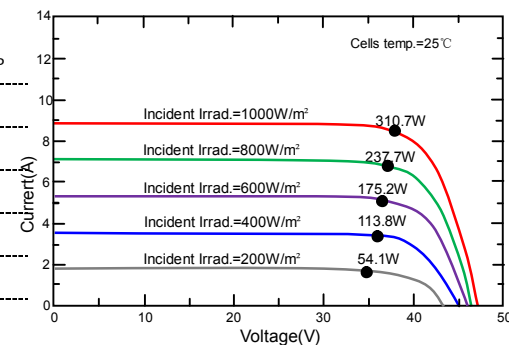
**I-V Curve:**



**Electrical Parameters at Nominal Operating Cell Temperature (NOCT)**

Module type	NBJ-300P	NBJ-305P	NBJ-310P	NBJ-315P	NBJ-320P	NBJ-325P	NBJ-330P
Max Power (Pmax/W)	217.80	221.43	225.06	229.00	232.90	237.91	240.67
Maximum Power Voltage (Vmp/V)	33.77	33.91	34.05	34.25	34.45	34.63	34.83
Open-circuit Voltage (Voc/V)	42.31	42.47	42.58	42.60	42.65	42.94	43.12
Maximum Power Current (Imp/A)	6.45	6.53	6.61	6.68	6.76	6.87	6.91
Short-circuit Current (Isc/A)	6.89	6.93	6.99	7.02	7.10	7.21	7.25

Under Nominal Operating Cell Temperature (NOCT), irradiance of 800 W/m<sup>2</sup>, spectrum AM1.5, ambient temperature 20°C, wind speed 1m/s.



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