

NBJ-400M-72

JINSHI SOLAR MODEL

72 CELLS

CELL MONOCRYSTALLINE MODULE

380-400W

POWER OUTPUT RANGE

20.17%

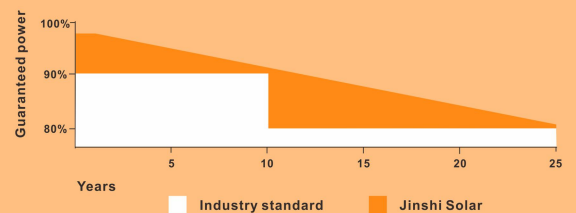
MAXIMUM EFFICIENCY

0~+3%

POWER OUTPUT GUARANTEE

LINEAR PERFORMANCE WARRANTY

15 Year product warranty • 25 Year linear power warranty



- Solar cell: 5 busbar solar cell adopts new technology to improve the efficiency of modules, offers a better aesthetic appearance, which is perfect for rooftop.
- 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 screws corner connection. 8 holes on the frame can be installed easily.
- Junction box: Multifunctional 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	158.75X158.75
No. of cells	72(6X12)
Module Size (mm)	1979X1002X40
Module Weight (KG)	22.5

Packing Details:

Container	20'GP	40'HQ
Pieces pallet	52	56
Pallets per container	5	11
Pieces par container	260	616

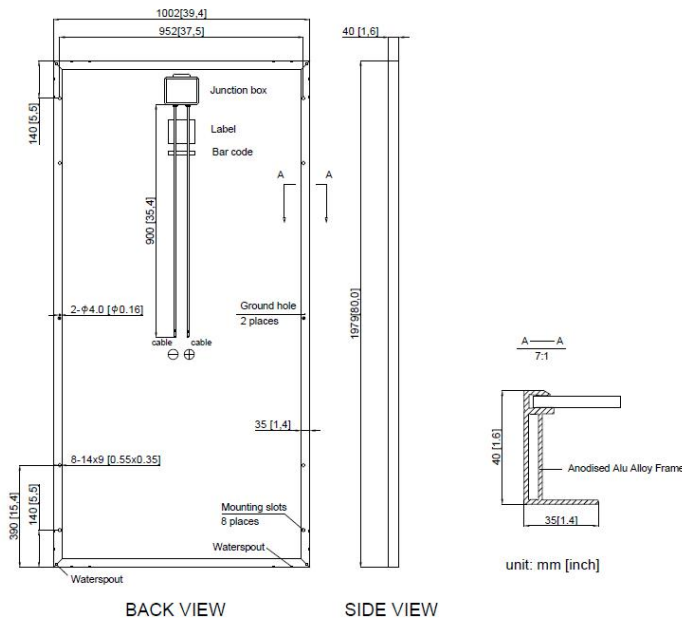
This publication summarizes product warranty and specification, which is subject to change without notice.



Construction Materials:

Front Glass	3.2mm, Low Iron, Tempered Glass
Frame	Anodized Aluminum Alloy Type 6063-T5
Junction Box	IP 68 Rated (Black)
Output Cables	TUV 1×4mm ² , length:900mm
Connector	MC4 (IP68)
Encapsulation Material	EVA(0.45±0.03mm thickness)
Back Foil	White TPT(0.32±0.03mm thickness)
Fixing Adhesive	Silicone Sealant(White)

Module Diagram:



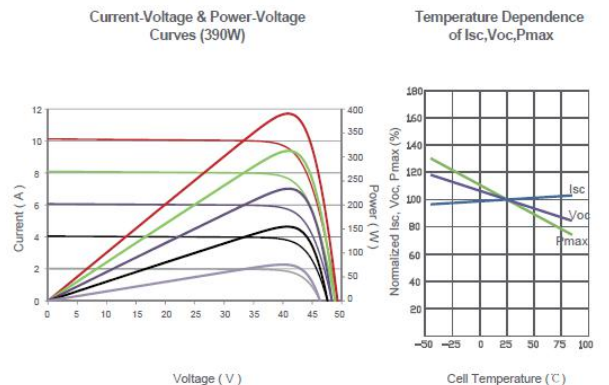
Temperature Coefficient:

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)	(45±2) °C

Operating Conditions:

Max. system voltage	1500DVC (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

I-V Curve:



Electrical Parameters at Standard Test Conditions (STC)

Module type	NBJ-380M-72	NBJ-385M-72	NBJ-390M-72	NBJ-395M-72	NBJ-400M-72
Rated Maximum Power (Pmax/W)	380	385	390	395	400
Maximum Power Voltage (Vmp/V)	40.5	40.8	41.1	41.4	41.7
Open-circuit Voltage (Voc/V)	48.9	49.1	49.3	49.5	49.8
Maximum Power Current (Imp/A)	9.39	9.44	9.49	9.55	9.60
Short-circuit Current (Isc/A)	9.75	9.92	10.12	10.23	10.36
Module Efficiency (%)	19.16	19.42	19.67	19.92	20.17

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

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