



NBJ-320M-60

JINSHI SOLAR MODULE

60 CELLS

MONOCRYSTALLINE MODULE

300-320W

POWER OUTPUT RANGE

19.55%

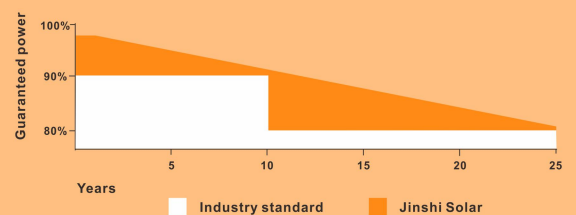
MAXIMUM EFFICIENCY

0~+3%

POWER OUTPUT GUARANTEE

LINEAR PERFORMANCE WARRANTY

15 Year product warranty • 25 Year linear power warranty



- Solar cell: High efficiency crystalline solar cell. Even if under the weak light, the solar monocrystalline 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 screws corner connection. 8 holes on the frame can be installed easily.
- Junction box: Multi-functional and IP 68 rated 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)	PERC MONO
No. of cells	60(6X10)
Module Size (mm)	1650X992X35
Module Weight (KG)	17.7

Packaging Specifications:

Number of modules per pallet	30
Number of pallets per 40' container	28
Packaging box dimensions (cm)	168x110x112
Box Weight (KG)	568

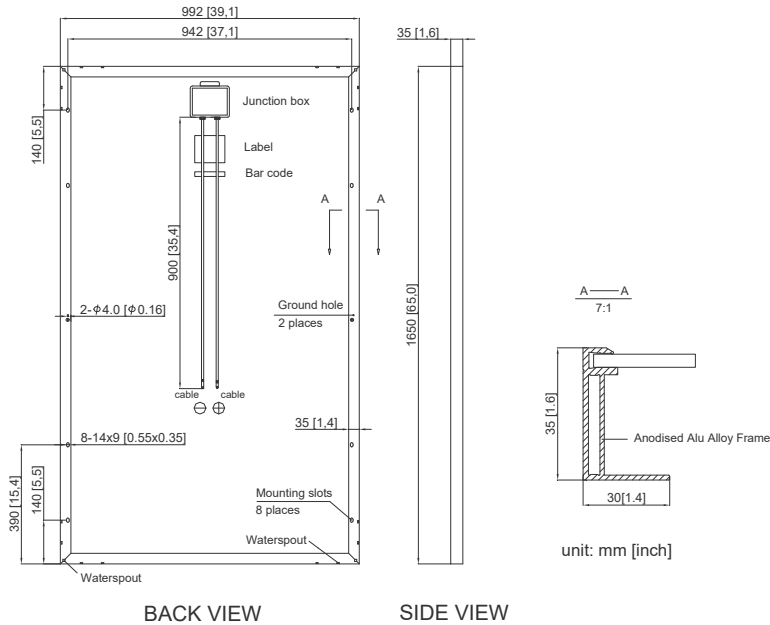
This publication summarizes product warranty and specification, which is subject to change without notice.



Construction Materials:

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

Module Diagram:



Temperature Coefficient:

Power Tolerance	0~+3%
Temperature Coefficient of Pmax	(-0.41±0.05)%/°C
Temperature Coefficient of Voc	(-0.34±0.02)%/°C
Temperature Coefficient of Isc	(0.05±0.01) %/°C
NOTC(°C)	(45±2) °C

Operating Conditions:

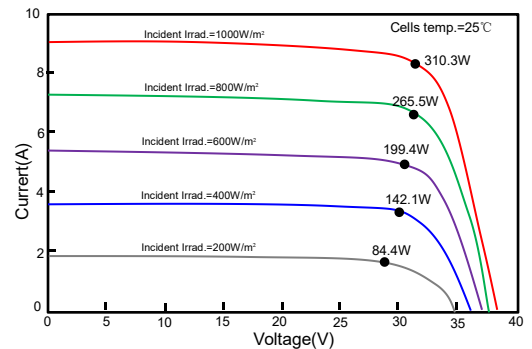
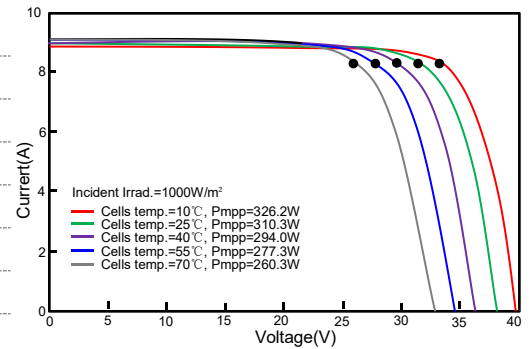
Max. system voltage	1500DVC (IEC)
Max. system fuse rating (A)	15
Operating temperature (°C)	-40~85
Max. static load, front (e.g., snow) pa	5400
Max. static load, back (e.g., wind) pa	2400

Electrical Parameters at Standard Test Conditions (STC)

Module type	NBJ-300M	NBJ-305M	NBJ-310M	NBJ-315M	NBJ-320M
Rated Maximum Power (Pmax/W)	300	305	310	315	320
Maximum Power Voltage (Vmp/V)	33.11	33.36	33.58	33.83	34.10
Open-circuit Voltage (Voc/V)	40.00	40.30	40.50	40.70	40.90
Maximum Power Current (Imp/A)	9.06	9.14	9.23	9.31	9.40
Short-circuit Current (Isc/A)	9.82	9.83	9.92	10.04	10.15
Module Efficiency (%)	18.33	18.63	18.94	19.24	19.55

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

I-V Curve:



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