

NBJ-345M-60HC

JINSHI SOLAR MODEL

60 CELLS

MONOCRYSTALLINE MODULE

325-345 W

POWER OUTPUT RANGE

20.45%

MAXIMUM EFFICIENCY

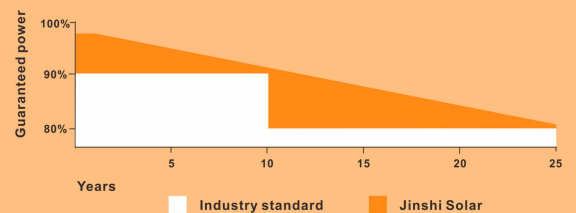
0~+3%

POWER OUTPUT GUARANTEE

- 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 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

LINEAR PERFORMANCE WARRANTY

15 Year product warranty • 25 Year linear power warranty



Mechanical Characteristics:

Cell	158.75mm PERC MONO
No. of cells	120(6X20)
Module Size (mm)	1684X1002X35
Module Weight (KG)	18.5

Packing Details:

Container	20'GP	40'HQ
Pieces pallet	62	68
Pallets per container	6	13
Pieces par container	372	884

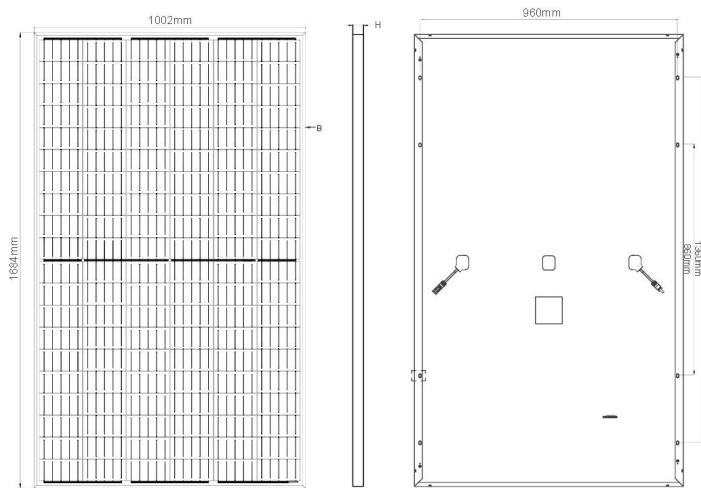
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Construction Materials:

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:300mm	Fixing Adhesive	Silicone Sealant(White)

Module Diagram:



Temperature Coefficient:

Power Tolerance	0~+3%
Temperature Coefficient of Pmax	(-0.36±0.05)%/°C
Temperature Coefficient of Voc	(-0.28±0.02)%/°C
Temperature Coefficient of Isc	(0.048±0.01) %/°C
NOTC(°C)	(45±2) °C

Operating Conditions:

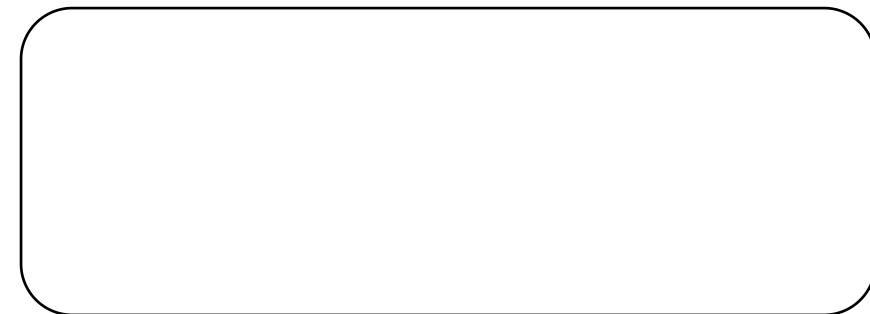
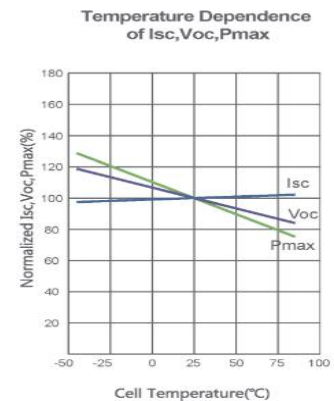
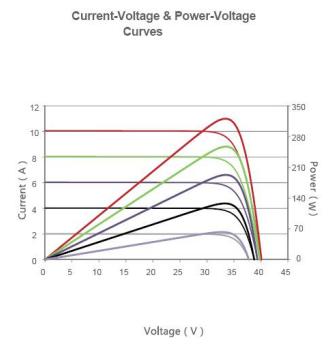
Max. system voltage	1500DVC (IEC)
Max. system fuse rating (A)	20
Operating temperature (°C)	-40~85
Max. static load, front (e.g., snow) pa	5400
Max. static load, back (e.g., wind) pa	2400

Electrical Parameters at Standard Test Conditions (STC)

Module type	NBJ-325M-60HC	NBJ-330M-60HC	NBJ-335M-60HC	NBJ-340M-60HC	NBJ-345M-60HC
Rated Maximum Power (Pmax/W)	325	330	335	340	345
Maximum Power Voltage (Vmp/V)	41.1	41.3	41.5	41.7	41.9
Maximum Power Current (Imp/A)	10.20	10.31	10.36	10.55	10.64
Open-circuit Voltage (Voc/V)	33.6	33.8	34.0	34.2	34.4
Short-circuit Current (Isc/A)	9.68	9.77	9.87	9.96	10.04
Module Efficiency (%)	19.26	19.56	19.85	20.15	20.45

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

I-V Curve:



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