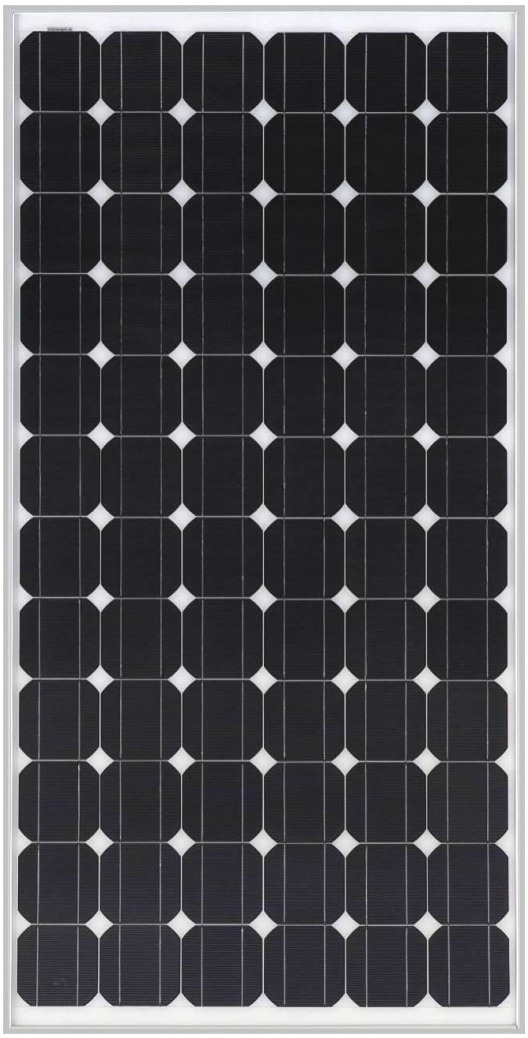


NBJ-190M

MONO CRYSTALLINE MODULES

175-195Watt

KEY FEATURES

- We use high conversion efficiency solar cells to ensure high quality
- Our High performance modules have an industry low tolerance of 0～+3%
- Entire modules can withstand high wind loads(2400 Pascal), snow loads(5400 Pascal) and extreme temperature
- Passed IEC 5400 Pa mechanical loading test.

QUALITY & SAFETY

- Certificate: CE, IEC, TUV, CEC, ISO
- Industry power output warranty: 90% in 12 years, 80% in 25 years
- 5-year warranty on product material and processing technology
- ISO 9001:2008(Quality Management System) certified factory
- IEC 61215、IEC61730 certified products

APPLICATION

On-grid residential roof-tops

On-grid commercial/ industrial roof-tops

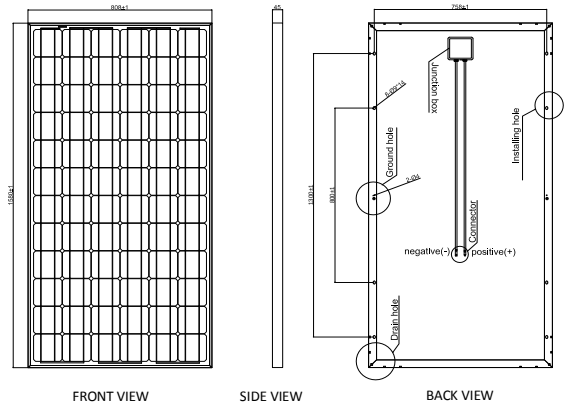
Solar Power plants

Off-grid systems

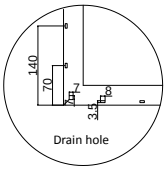
Jinshi Solar

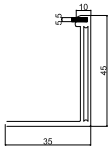
Factory Add.: No. 19 Laoshan Road, Beilun, Ningbo, China
Tel: +86 574 26875217 Fax: +86 574 26877727
Website: www.jinshisolar.com Email: sales@jinshisolar.com

Engineering Drawing

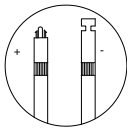


FRONT VIEW SIDE VIEW BACK VIEW



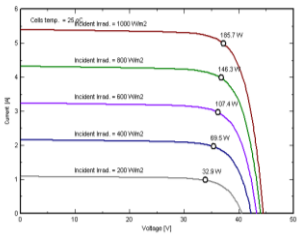


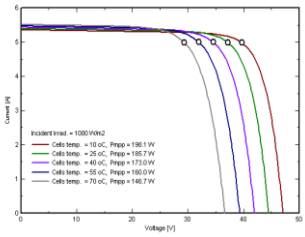
Aluminum frame cross-section



Connector

I-V Curve





Mechanical Characteristics

Cell Type	Mono Crystalline 125×125mm(5 inch)
No. of Cells	72(6×12)
Dimension	1580×808×45mm
Weight	15.5kg
Front Glass	3.2mm, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminum Alloy Type 6063-T5
Junction Box	IP 65 Rated (Black)
Output Cables	TUV 1×4mm^2, length:900mm
Connector	MC4(UV resistance and self-locking/IP67)
Encapsulation Material	EVA(0.50±0.03mm thickness)
Back Foil	White TPT(0.32±0.03mm thickness)
Fixing Adhesive	Silicone Sealant(White)

Packing Configuration

Q'ty/Pallet,	1×20'ft	1×40'GP	1×40'HQ
Pallet Q'ty	6 pallets	14 pallets	14 pallets
Loading Capacity	276pcs	644pcs	728pcs

SPECIFICATIONS

Module Type	NBJ-175M	NBJ-180M	NBJ-185M	NBJ-190M	NBJ-195M
Maximum Power at STC (Pmax)	175Wp	180Wp	185Wp	190Wp	195Wp
Maximum Power Voltage (Vmp)	35.78V	36.29V	36.86V	37.08V	37.3V
Maximum Power Current (Imp)	4.89A	4.96A	5.02A	5.12A	5.23A
Open-circuit Voltage (Voc)	44.21V	44.50V	44.64V	44.78V	44.86V
Short-circuit Current (Isc)	5.23A	5.30A	5.37A	5.48A	5.59A
Module Efficiency (%)	13.7%	14.1%	14.5%	14.9%	15.3%
Operating Temperature(℃)	-40℃～+90℃				
Maximum System Voltage(V)	DC 1000V(TUV) / DC600V(UL)				
Maximum Rated Current Series(A)	12A				
Power Tolerance	0～+3%				
Temperature Coefficients of Pmax	(-0.45±0.05)%/℃				
Temperature Coefficients of Voc	(-0.35±0.02) %/℃				
Temperature Coefficients of Isc	(0.05±0.01) %/℃				
NOTC(℃)	(47±2) ℃				

STC: Irradiance 1000W/M^2 Module Temperature: 25℃ AM=1.5

Jinshi Solar
Factory Add.: No. 19 Laoshan Road, Beilun, Ningbo, China
Tel: +86 574 26875217 Fax: +86 574 26877727
Website: www.jinshisolar.com Email: sales@jinshisolar.com