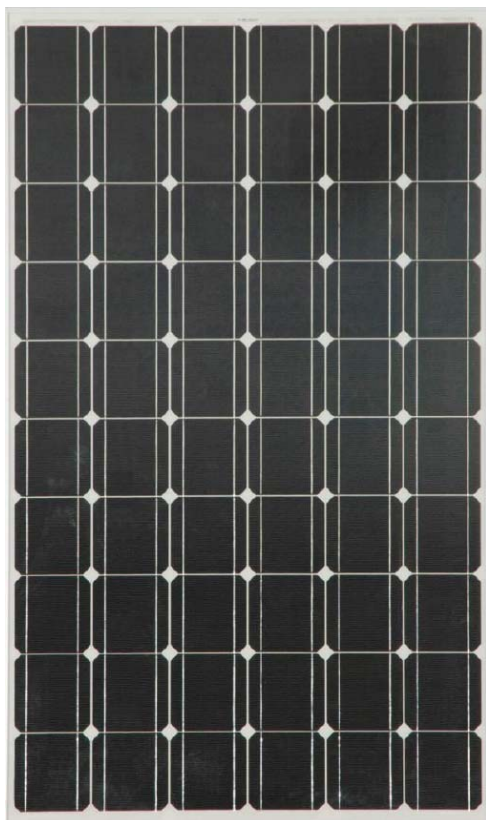


NBJ-250M

MONO CRYSTALLINE MODULES

220-250Watt



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 30 years
- ▲ 10-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

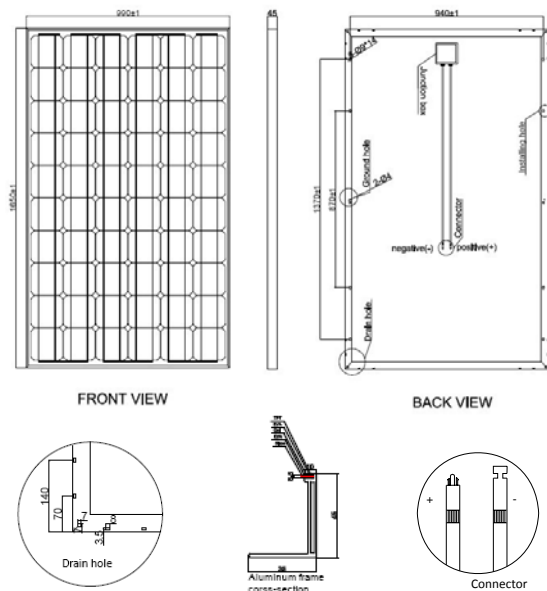


Solar Power plants



Off-grid systems

Engineering Drawing



Packing Configuration

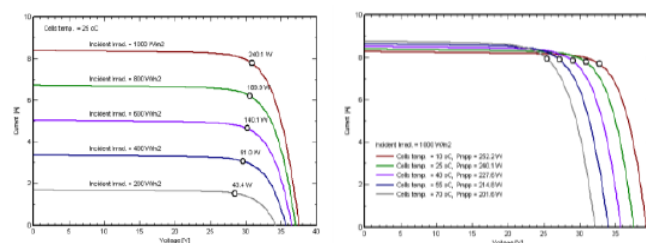
Q'ty/Pallet,	1×20'ft	1×40'GP	1×40'HQ
Pallet Q'ty	6pallets	14pallets	14pallets
Q'ty/Container	240pcs	560pcs	630pcs

SPECIFICATIONS

Module Type	NBJ-220M	NBJ-225M	NBJ-230M	NBJ-235M	NBJ-240M	NBJ-245M	NBJ-250M
Maximum Power at STC (Pmax)	220Wp	225Wp	230Wp	235Wp	240Wp	245Wp	250Wp
Maximum Power Voltage (Vmp)	30.00V	30.50V	30.12V	30.16V	30.20V	30.25V	30.30V
Maximum Power Current (Imp)	7.33A	7.40A	7.64A	7.80A	7.95A	8.10A	8.26A
Open-circuit Voltage (Voc)	36.70V	36.80V	36.00V	36.20V	36.30V	36.50V	36.70V
Short-circuit Current (Isc)	7.92A	7.89A	8.18A	8.34A	8.50A	8.48A	8.82A
Cell Efficiency (%)	15.7%	16%	16.4%	16.7%	17.1%	17.4%	17.8%
Module Efficiency (%)	13.5%	13.8%	14.1%	14.4%	14.7%	15%	15.3%
Operating Temperature(°C)	-40°C ~+90°C						
Maximum System Voltage(V)	DC 1000V(TUV) / DC600V(UL)						
Maximum Rated Current Series(A)	15A						
Power Tolerance	0~+3%						
Temperature Coefficients of Pmax	(-0.45±0.05)%/°C						
Temperature Coefficients of Voc	(0.05±0.01) %/°C						
Temperature Coefficients of Isc	(-0.35±0.02)%/°C						
NOTC(°C)	(47±2) °C						

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

I-V Curve



Mechanical Characteristics

Cell Type	Mono Crystalline 156*156mm(6 inch)
No. of Cells	60 (6×10)
Dimension	1650×990×45mm
Weight	20kg
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)