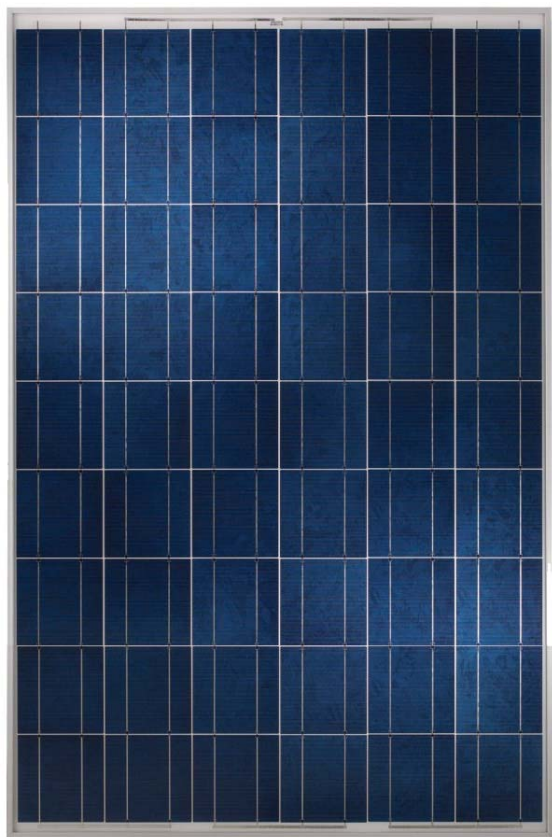




NBJ-210P

POLY CRYSTALLINE MODULES

195-220Watt

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

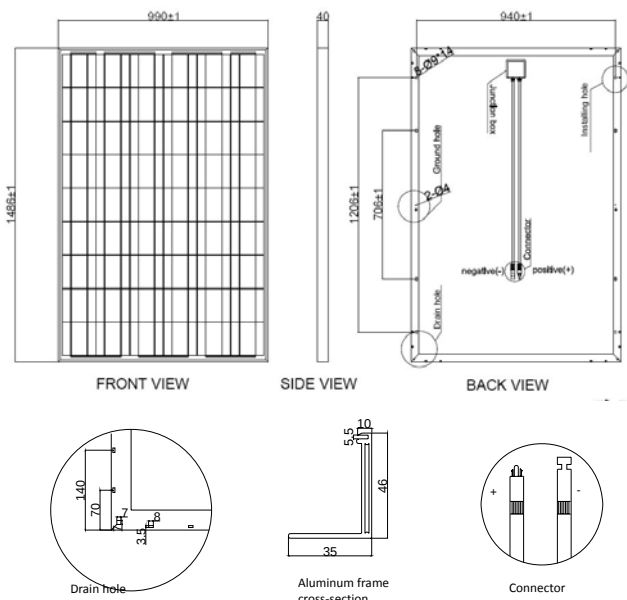


Solar Power plants



Off-grid systems

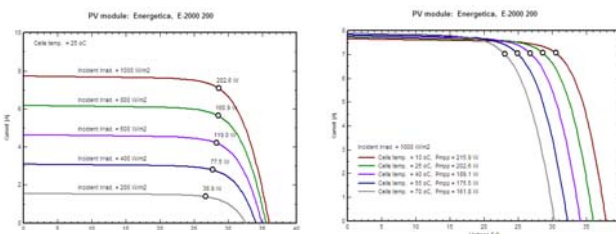
Engineering Drawing



Packing Configuration

Q'ty/Pallet,	1×20'ft	1×40'GP	1×40'HQ
Pallet Q'ty	7pallets	15pallets	15pallets
Q'ty/Container	315pcs	675pcs	750pcs

I-V Curve



Mechanical Characteristics

Cell Type	Poly Crystalline 156×156mm(6 inch)
No. of Cells	54(6×9)
Dimension	1486×990×40mm
Weight	16kg
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)

SPECIFICATIONS

Module Type	NBJ-195P	NBJ-200P	NBJ-205P	NBJ-210P	NBJ-215P	NBJ-220P
Maximum Power at STC (Pmax)	195Wp	200Wp	205Wp	210Wp	215Wp	220Wp
Maximum Power Voltage (Vmp)	27.00V	27.11V	27.18V	27.25V	27.30V	27.50V
Maximum Power Current (Imp)	7.23A	7.38A	7.56A	7.71A	7.88A	8.0A
Open-circuit Voltage (Voc)	32.80V	32.88V	33.10V	33.27V	33.43V	33.65V
Short-circuit Current (Isc)	7.72A	7.90A	8.08A	8.24A	8.42A	8.56A
Cell Efficiency (%)	15.1%	15.5%	15.9%	16.2%	16.5%	16.5%
Module Efficiency (%)	13.1%	13.5%	13.8%	14.2%	14.6%	14.9%
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	(0.05±0.01) %/℃					
Temperature Coefficients of Isc	(-0.35±0.02)%/℃					
NOTC(℃)	(47±2)℃					

STC: Irradiance 1000W/M²

Module Temperature: 25℃

AM=1.5