



宁波贝达新能源科技有限公司

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BD MODULE

BD185-72M	185W	BD165-72M	165W
BD180-72M	180W	BD160-72M	160W
BD175-72M	175W	BD155-72M	155W
BD170-72M	170W		

EFFICIENCY

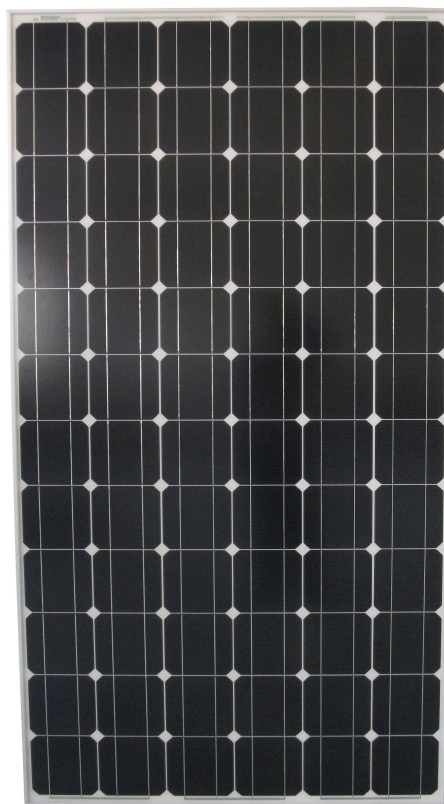
- Low voltage-temperature coefficient allows higher power output at high-temperature condition
- High efficient, high reliable solar cells ensure our product output stability

MATERIALS

- Advanced EVA encapsulation system with reiple-layer back sheet meets the most stringent safety requirements for high-voltage operation
- The sturdy, anodized aluminum frame allows the modules to be mounted on a variety of standard racking systems and to withstand harshest conditions
- Ultra reliable bypass diodes prevent damage through overheating due to shaded or defective cells
- Innovative, environmentally friendly packing method using pile-edges ensures modules arrive in perfect condition
- New frame design incorporation ellipse shaped drainage holes, with more grounding holes, provide flexible installation and use

BENEFITS

- Manufactured in an ISO9001:2000 certified plant
- High efficiency, high safety, high reliability
- Output power tolerance of $\pm 3\%$
- 25-year limited warranty on power output, 5-year limited warranty on materials and workmanship

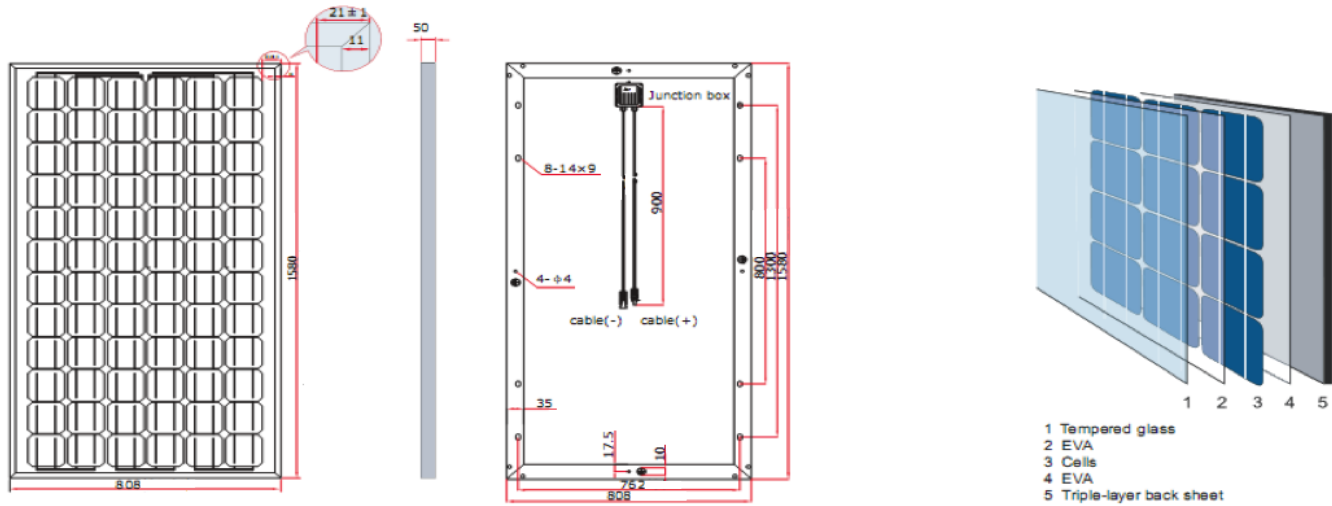


SPECIFICATIONS

Model Type	BD185-72M	BD180-72M	BD175-72M	BD170-72M	BD165-72M	BD160-72M	BD155-72M
Peak power	185W	180W	175W	170W	165W	160W	155W
Cell type	Mono Crystalline Silicon, 125mm×125mm						
Number of cells	72 cells in series						
Weight	15.5kg						
Dimensions	1580×808×50mm						
Maximum power voltage(Vmp)	36.30V	36.30V	36.24V	36.13V	35.80V	35.62V	35.23V
Maximum power current(Imp)	5.10A	4.96A	4.83A	4.71A	4.61A	4.50A	4.40A
Open circuit voltage(Voc)	44.60V	44.60V	44.25V	44.16V	44.12V	43.90V	43.30V
Short circuit current(Isc)	5.80A	5.61A	5.50A	5.30A	5.19A	5.07A	4.98A
Maximum system voltage	DC 1000V						
Temp.Coeff.of Isc(TK Isc)	0.065 %/°C						
Temp.Coeff.of Voc(TK Voc)	- 0.346 %/°C						
Temp.Coeff.of Pmax(TK Pmax)	- 0.488 %/°C						
Normal Operating Cell Temperature	45.3±2°C						

Note:the specifications are obtained under the Standard Test Conditions (STCs):1000W/㎡ solar irradiance, 1.5 Air Mass, and cell temperature of 25°C

PHYSICAL CHARACTERISTICS Unit:mm



ELECTRICAL CHARACTERISTICS

