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## BD MODULE

BD280-72M	280W	BD255-72M	255W
BD275-72M	275W	BD250-72M	250W
BD270-72M	270W	BD245-72M	245W
BD265-72M	265W	BD240-72M	240W
BD260-72M	260W		

### EFFICIENCY

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

### MATERIALS

- Advanced EVA encapsulation system with triple-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

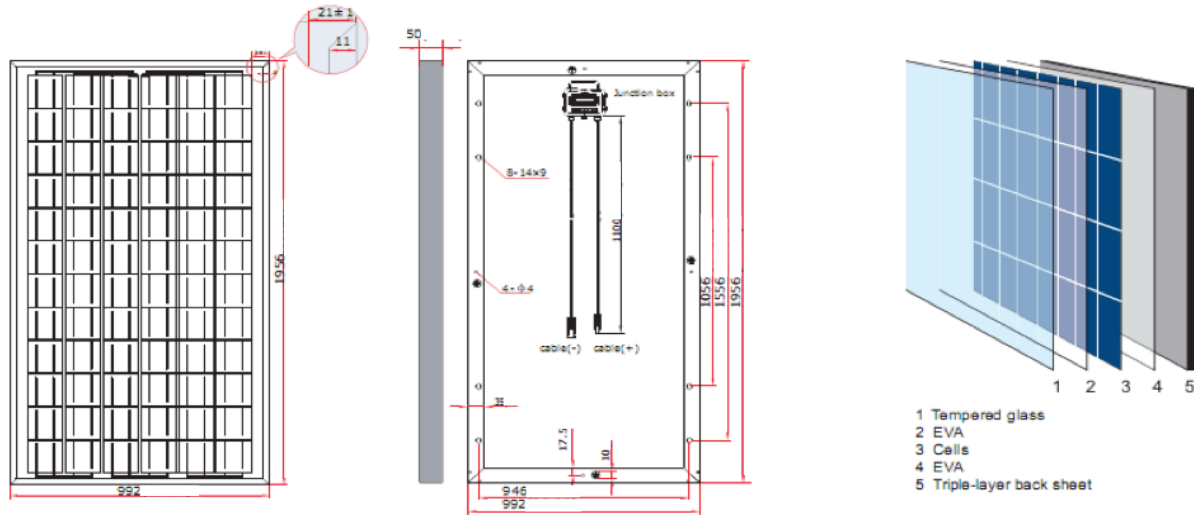


# SPECIFICATIONS

Model Type	BD280-72M	BD275-72M	BD270-72M	BD265-72M	BD260-72M	BD255-72M	BD250-72M	BD245-72M	BD240-72M
Peak power(Pmax)	280W	275W	270W	265W	260W	255W	250W	245W	240W
Cell type	Mono Crystalline Silicon, 156mm×156mm								
Number of cells	72cells in series								
Weight	23.0kg								
Dimensions	1956×992×50mm								
Maximum power voltage(Vmp)	37.02V	36.92V	36.77V	36.64V	36.44V	36.23V	36.12V	35.56V	35.31V
Maximum power current(Imp)	7.57A	7.45A	7.35A	7.24A	7.14A	7.04A	6.93A	6.89A	6.80A
Open circuit voltage(Voc)	43.78V	43.78V	43.63V	43.63V	43.49V	43.88V	43.88V	43.85V	43.85V
Short circuit current(Isc)	7.98A	7.96A	7.90A	7.90A	7.79A	7.85A	7.81A	7.70A	7.63A
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/ m<sup>2</sup> solar irradiance, 1.5 Air Mass, and cell temperature of 25°C.

## PHYSICAL CHARACTERISTICS Unit:mm (inch)



## ELECTRICAL CHARACTERISTICS

