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## BD MODULE

BD195-48P	195W	BD170-48P	170W
BD190-48P	190W	BD165-48P	165W
BD185-48P	185W	BD160-48P	160W
BD180-48P	180W	BD155-48P	155W
BD175-48P	175W		

### 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 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 +/-3%
- 25-year limited warranty on power output, 5-year limited warranty on materials and workmanship

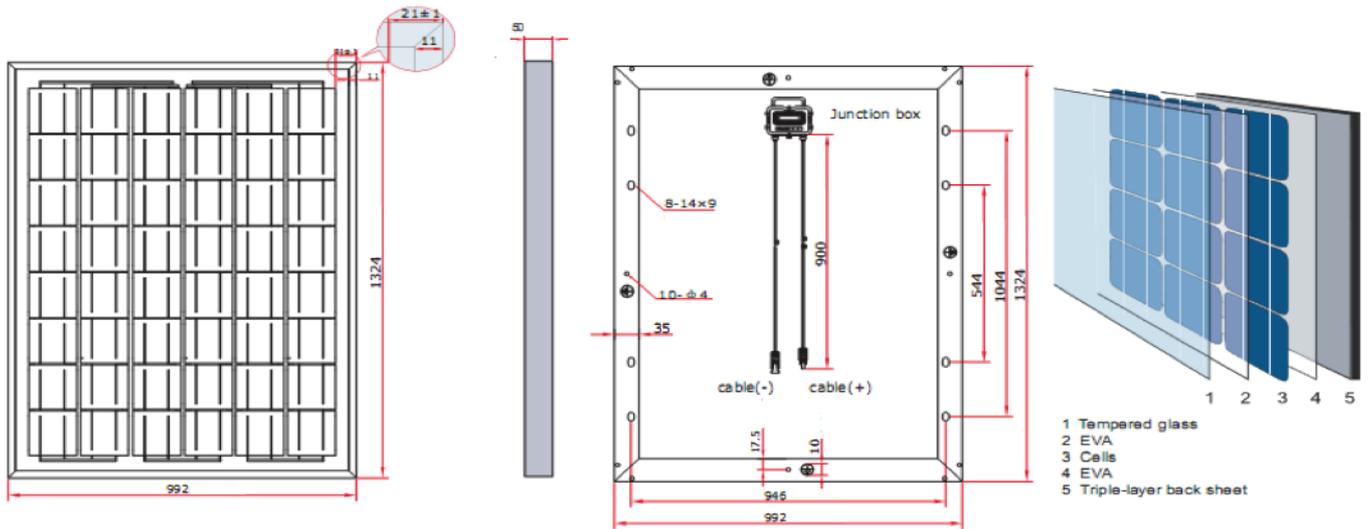


# SPECIFICATIONS

Model Type	BD195-48P	BD190-48P	BD185-48P	BD180-48P	BD175-48P	BD170-48P	BD165-48P	BD160-48P	BD155-48P
Peak power(Pmax)	195W	190W	185W	180W	175W	170W	165W	160W	155W
Cell type	Poly Crystalline Silicon, 156mm×156mm								
Number of cells	48 cells in series								
Weight	15.6kg								
Dimensions	1324×992×50mm								
Maximum power voltage(Vmp)	23.53V	23.52V	23.51V	23.50V	23.22V	23.02V	23.00V	22.98V	22.90V
Maximum power current(Imp)	8.29A	8.08A	7.87A	7.66A	7.54A	7.39A	7.18A	6.97A	6.77A
Open circuit voltage(Voc)	29.20V	29.20V	29.04V	29.04V	29.04V	29.00V	29.00V	29.00V	29.00V
Short circuit current(Isc)	8.50A	8.41A	8.41A	8.10A	8.10A	8.10A	7.9A	7.80A	7.60A
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

