

宁波贝达新能源科技有限公司

NINGBO BEIDA NEW ENERGY SCIENCE & TECHNOLOGY

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BD MODULE

| BD240-60P | 240W | BD215-60P | 215W |
|-----------|------|-----------|------|
| BD235-60P | 235W | BD210-60P | 210W |
| BD230-60P | 230W | BD205-60P | 205W |
| BD225-60P | 225W | BD200-60P | 200W |
| BD220-60P | 220W | | |

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

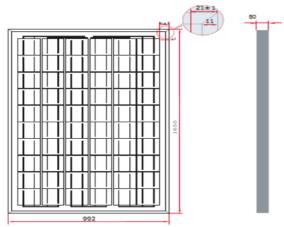


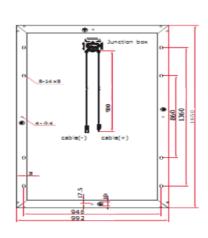
SPECIFICATIONS

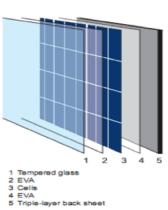
| Model Type | BD240-60P | BD235-60P | BD230-60P | BD225-60P | BD220-60P | BD215-60P | BD210-60P | BD205-60P | BD200-60P | |
|-----------------------------------|---------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--|
| Peak power | 240W | 235W | 230W | 225W | 220W | 215W | 210W | 205W | 200W | |
| Cell type | Poly Crystalline Silicon, 156mm×156mm | | | | | | | | | |
| Number of cells | 60 cells in series | | | | | | | | | |
| Weight | 19.3kg | | | | | | | | | |
| Dimensions | 1650×992×50mm | | | | | | | | | |
| Maximum power voltage(Vmp) | 29.45V | 29.42V | 29.40V | 29.04V | 29.03V | 29.02V | 28.85V | 28.80V | 28.75V | |
| Maximum power current(Imp) | 8.16A | 7.99A | 7.83A | 7.75A | 7.58A | 7.41A | 7.30A | 7.13A | 6.96A | |
| Open circuit voltage(Voc) | 36.50V | 36.50V | 36.50V | 36.30V | 36.30V | 36.00V | 36.00V | 36.00V | 36.00V | |
| Short circuit current(Isc) | 8.50A | 8.30A | 8.30A | 8.10A | 8.10A | 8.10A | 7.99A | 7.80A | 7.71A | |
| Maximum system voltage | DC 1000V | | | | | | | | | |
| Temp.Coeff.of Isc(TK Isc) | 0.065 %/℃ | | | | | | | | | |
| 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℃ | | | | | | | | | |

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

PHYSICAL CHARACTERISTICS Unit:mm







ELECTRICAL CHARACTERISTICS

