



solar
贝立德

Zhejiang BLD Solar Technology CO.,LTD
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P72PCS-310W 305W 300W 295W Product Specification



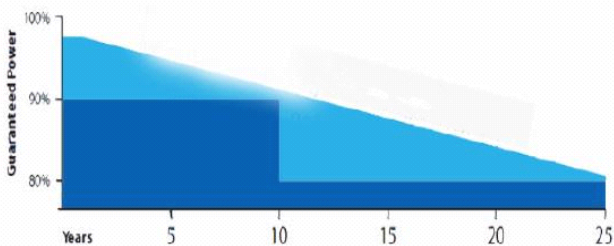
- Industry leading module power output warranty
- International quality, safety and performance certifications
- Manufacturing facility certified to ISO9001 Quality Management System standards
- Beautiful appearance, good durability & easy installation
- Special design in accordance with requirements of customers

CERTIFICATES



WARRANTIES

- 10 years for product defects in materials&workmanship
- 10 years for 90% of warranted minimum power output
- 25 years for 80% of warranted minimum power output



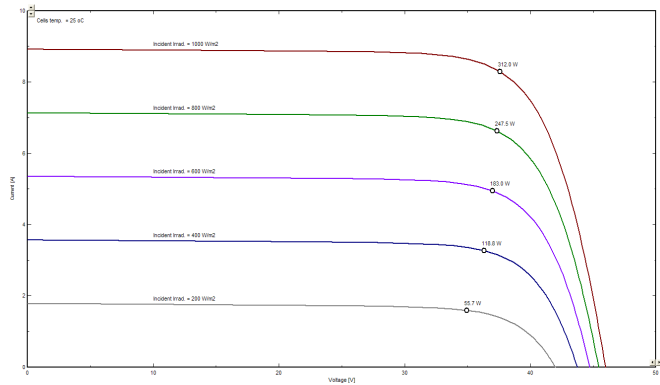
25 years linear warranty



Electrical parameters at Standard Test Conditions
(STC:AM=1.5, 1000W/m², cells Temperature 25°C)

I-V CURVE

| | | | | |
|-----------------------------|---------|-------|-------|-------|
| Typical Type | 310W | 305W | 300W | 295W |
| Max-Power (Pmax) w | 310W | 305W | 300W | 295W |
| Max-Power Voltage (Vmp) | 36.49 | 36.36 | 36.19 | 36.04 |
| Max-Power Current (Imp) | 8.49 | 8.39 | 8.29 | 8.19 |
| Open-Circuit Voltage(Voc) | 45.98 | 45.81 | 45.67 | 45.59 |
| Short-Circuit Current (Isc) | 8.92 | 8.81 | 8.74 | 8.68 |
| Max-System Voltage | DC1000V | | | |
| Cell efficiency (%) | 18.2 | 17.9 | 17.6 | 17.3 |



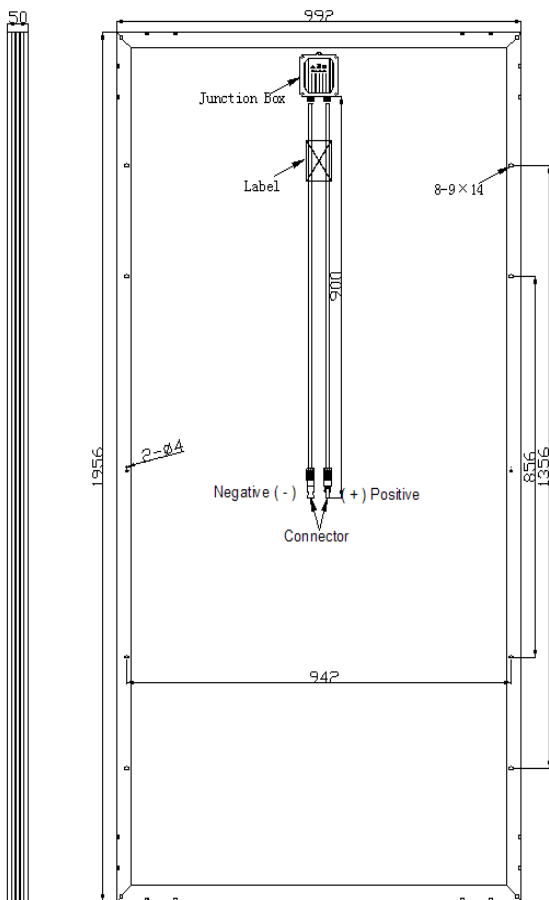
MECHANICAL DATA

| | |
|------------------|---|
| Dimensions | 1956*992*50mm |
| Weight | 23kgs |
| Front Glass | 3.2 mm tempered glass |
| | TUV (2Pfg1169:2007) |
| Output Cables: | 4mm ² (0.006 inches ²), symmetrical lengths 900 mm |
| Connectors: | MC4 compatible IP67 |
| cell type: | Poly Crystalline silicon, 156mmx156mm |
| Number of cells: | 72 cells in series |

TEMPERATURE CHARACTERISTICS

| | |
|------------------------------------|---------------|
| Temp.Coeff.of Isc(TK Isc) | 0.045% / °C |
| Temp.Coeff.of Voc(TK Voc) | (-0.34%) / °C |
| Temp.Coeff of Pmax(TK Pmax) | (-0.47%) / °C |
| Operating Temperature | (-40~+85)°C |
| Nominal Operating Cell Temperature | 45 ±2 °C |

DIMENSIONS AND STRUCTURE



PACKING CONFIGURATION

| | | | |
|-----------------------|-------|-------|-------|
| Container | 20'GP | 40'GP | 40'HQ |
| Pieces per Pallet | 38 | 38 | 46 |
| Pallets per Container | 5 | 11 | 11 |
| Pieces per Container | 190 | 418 | 506 |

TESTS, CERTIFICATIONS AND WARRANTIES

| | |
|-------------------------------------|---|
| Standard tests | IEC 61215, IEC 61730 |
| System certs | ISO 9001, ISO 14001 |
| Certifications | TUV, CE, MCS, PV CYCLE, CEC, CHUBB |
| Extreme wind and snow loads testing | withstand extreme wind (3800 Pascal) and snow loads (5400 Pascal) |
| Positive tolerance | 0~+3% |
| Junction Box | ≥IP65 Rated |
| Warranties | 10-year material and workmanship and 25-year output at least 80% |