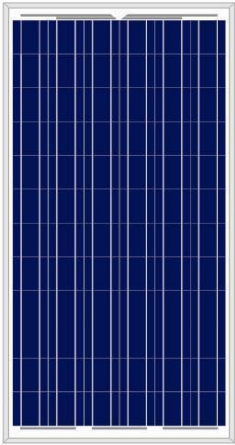


BOKANEG - HOUSSAM SOLAIRE

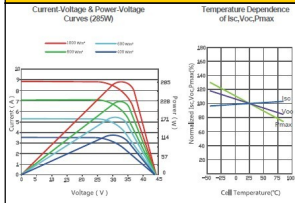
Poly 280-310W Solar panel



Technical parameter(with tolerance 0~+3%)

| | |
|--------------------------------|-------------|
| Model Type | TDC-P310-72 |
| Maximum Power(W) | 310W |
| Optimum Power Voltage(Vmp) | 37.15V |
| Optimum Operating Current(Imp) | 8.35A |
| Open Circuit Voltage(Voc) | 45.3V |
| Short Circuit Current(Isc) | 8.98A |
| Cell Efficiency (%) | 18,12% |
| Module Efficiency (%) | 16,46% |

I-V Curves



Mechanical Characteristics

| | |
|--------------|----------------------------------------------------|
| Cell Type | Polycrystalline 156x156 mm (6 inch) |
| No of Cell | 72 (6x12) |
| Dimensions | 1956x992x45/50 mm |
| Weight | 23.0kgs |
| Front Glass | 3.2mm, High Transmission, Low Iron, Tempered Glass |
| Junction box | IP65 Rated |
| Output Cable | TUV 1x4.0mm2, Length:900mm |

Packaging Configuration

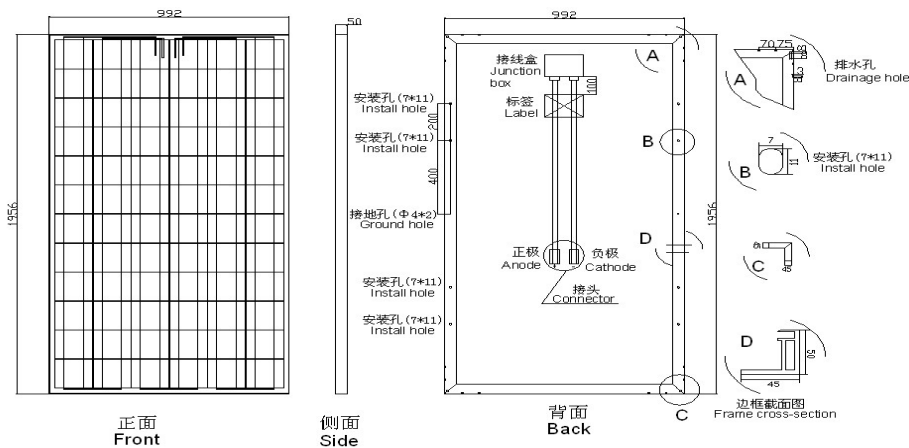
Quantity/Pallet; Quantity/40' HQ container

Quantity/Pallet; Quantity/20' GP container

Temperature and Coefficients

| | |
|--------------------------------------------|----------------|
| Operating Temperature(°C): | -40°C ~ + 85°C |
| Maximum System Voltage: | 1000V(IEC) DC |
| Maximum Rated Current Series: | 15A |
| Temperature Coefficients of Pmax: | -0.47% |
| Temperature Coefficients of Voc: | -0.389% |
| Temperature Coefficients of Isc: | 0.057% |
| Nominal Operating Cell Temperature (NOCT): | 47+/-2°C |

Panel Drawing Map



Quality guarantee

- 1) Industry leading power output warranty(10 years/90%,25years/80%)
- 2) 10-year warranty on product-materials and processing technology
- 3) ISO9001:2000(Quality System Management) certified factory