

ReneSola

Twin1.0

Poly Half-Cut Module

335W/340W/345W/350W/355W



High Module Conversion Efficiencies



Easy Installation and Handling for Various Applications



Mechanical Load Capability of up to 5400 Pa



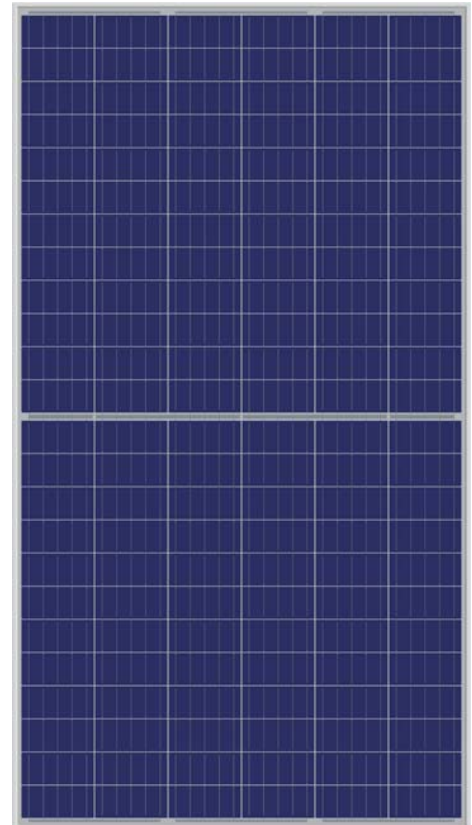
Conforms with IEC 61215:2005,
IEC 61730:2004, PID Test



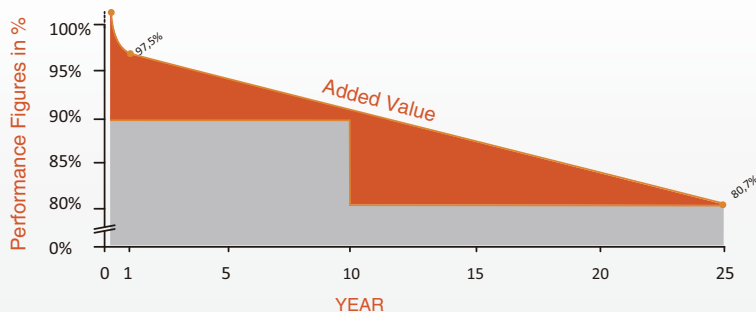
ISO9001, OHSAS18001, ISO14001 Certified



Application Class A, Safety Class II, Fire Rating C



Drawing Only for Reference

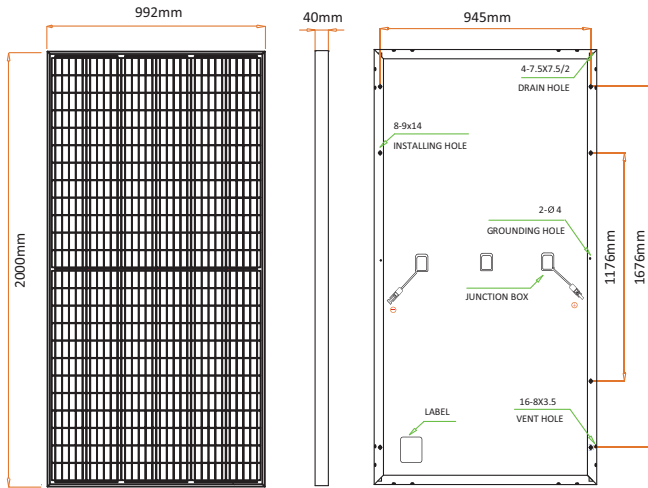


10-year
Material & Workmanship

25-year
Linear Power Output

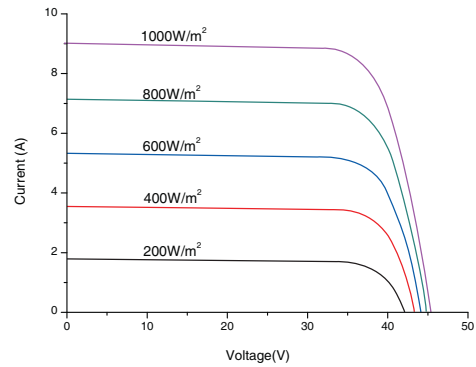


Dimensions



Drawing Only for Reference

I-V Curves



Electrical Characteristics STC

| | JC335M-Abc | JC340M-Abc | JC345M-Abc | JC350M-Abc | JC355M-Abc |
|-----------------------------|------------|------------|------------|------------|------------|
| Maximum Power (Pmax) | 335 W | 340 W | 345 W | 350 W | 355 W |
| Power Tolerance | 0 ~ +5W | 0 ~ +5W | 0 ~ +5W | 0 ~ +5W | 0 ~ +5W |
| Module Efficiency | 16.9% | 17.1% | 17.4% | 17.6% | 17.9% |
| Maximum Power Current (Imp) | 8.71 A | 8.81 A | 8.92 A | 9.02 A | 9.13 A |
| Maximum Power Voltage (Vmp) | 38.5 V | 38.6 V | 38.7 V | 38.8 V | 38.9 V |
| Short Circuit Current (Isc) | 9.18 A | 9.23 A | 9.28 A | 9.39 A | 9.48 A |
| Open Circuit Voltage (Voc) | 45.8 V | 46.1 V | 46.4 V | 46.4 V | 46.6V |

Values at Standard Test Conditions STC (AM1.5, Irradiance 1000W/m², Cell Temperature 25°C)

Electrical Characteristics NOCT

| | JC335M-Abc | JC340M-Abc | JC345M-Abc | JC350M-Abc | JC355M-Abc |
|-----------------------------|------------|------------|------------|------------|------------|
| Maximum Power (Pmax) | 248 W | 251 W | 254 W | 258 W | 263 W |
| Maximum Power Current (Imp) | 7.11 A | 7.16 A | 7.22 A | 7.31 A | 7.41 A |
| Maximum Power Voltage (Vmp) | 34.9 V | 35.1 V | 35.2 V | 35.3 V | 35.5 V |
| Short Circuit Current (Isc) | 7.53 A | 7.58 A | 7.64 A | 7.75 A | 7.88 A |
| Open Circuit Voltage (Voc) | 43.0 V | 43.2 V | 43.3 V | 43.3 V | 43.4 V |

Values at Normal Operating Cell Temperature, Irradiance of 800W/m², AM1.5, Ambient Temperature 20°C, Wind Speed 1m/s.

Mechanical Characteristics

| | |
|----------------------------|---|
| Cell Type | Polycrystalline, 156 x 78 mm, 144 (6x24) Half-Cut Cells |
| Glass | High Transmission, Low Iron, Tempered Glass |
| Frame | Anodized Aluminum Alloy |
| Junction Box | IP68 Rated, With Bypass Diodes |
| Dimension | 2000 x 992 x 40 mm |
| Output Cable | 4 mm ² (EU), 650mm |
| Weight | 23.5 kg |
| Installation Hole Location | See Drawing Above |

Characteristics

| | |
|---|------------|
| Temperature Coefficient of Voc | -0.30%/°C |
| Temperature Coefficient of Isc | 0.04%/°C |
| Temperature Coefficient of Pmax | -0.40%/°C |
| Nominal Operating Cell Temperature (NOCT) | 45°C ± 2°C |

Packing Information

| | | | |
|-----------------------|--------|--------|--------|
| Container | 20' GP | 40' GP | 40' HQ |
| Pallets per Container | 10 | 22 | 22 |
| Pieces per Container | 260 | 572 | 627 |

Maximum Ratings

| | |
|----------------------------|---------------|
| Operating Temperature | -40°C ~ +85°C |
| Maximum System Voltage | 1000VDC |
| Maximum Series Fuse Rating | 20A |

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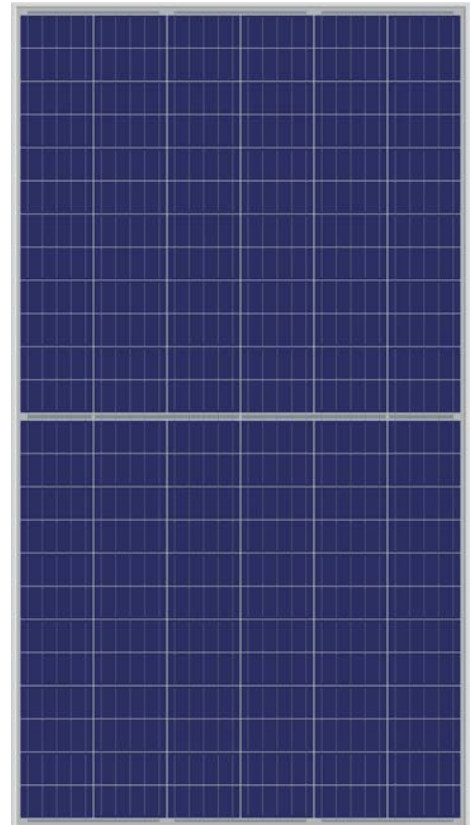
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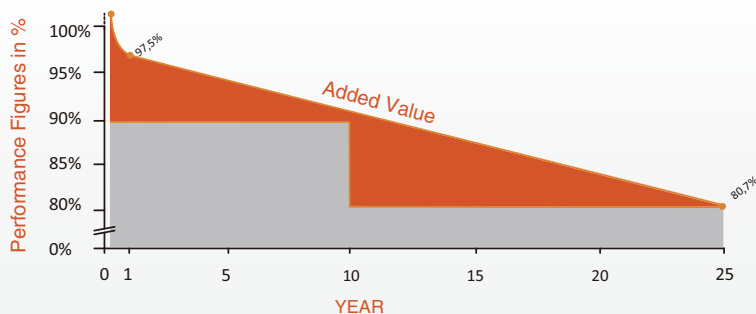
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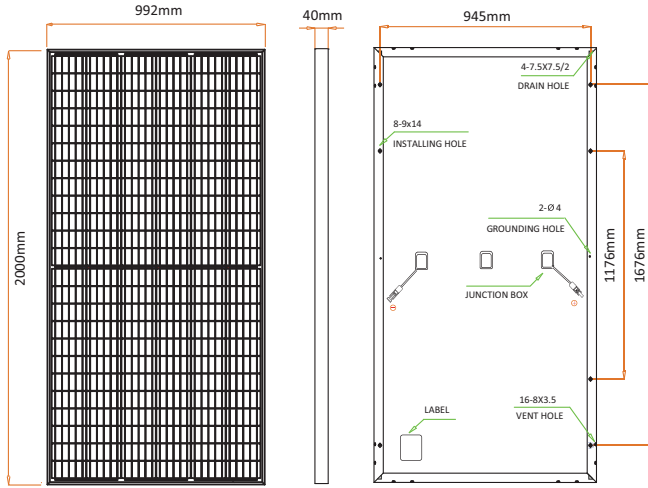


10-year
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25-year
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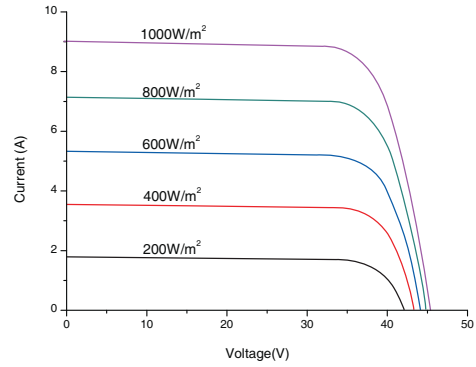


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| Maximum System Voltage | 1500VDC |
| Maximum Series Fuse Rating | 20A |