



Technical manual

ELERIX SOLAR PANEL

Mono crystalline Solar Module
330Wp



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EXS-330M-SB

ELERIX SOLAR PANEL



Mono crystalline Solar Module
330Wp

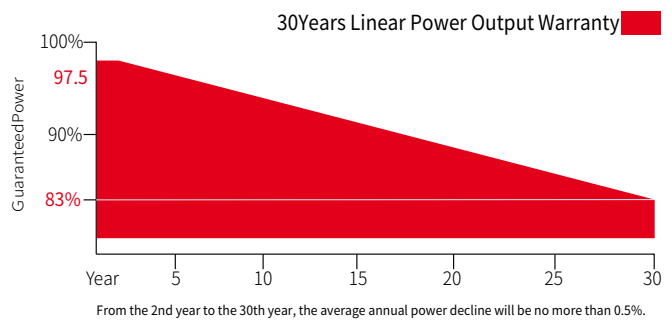
ELERIX Mono crystalline Solar Module 330Wp

Features

- ▶ Positive power tolerance up to 5w
- ▶ Heavy snow load up to 5400 Pa and wind load up to 3800Pa
- ▶ IP68 junction box is available for long term weather endurance
- ▶ Salt mist, ammonia and blowing sand resistance, apply to seaside, farm and desert areas
- ▶ Selective materials and rigid process effectively control Potential Induced Degradation (PID)
- ▶ Total quality control and complete traceability of Material by Shop Floor Control (SFC)

Warranty

- ▶ 12 Years Product Workmanship Warranty
- ▶ 12 Years Minimum 92% Power Output
- ▶ 30 Years Minimum 83% Power Output

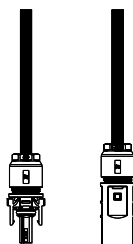
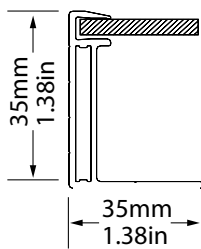
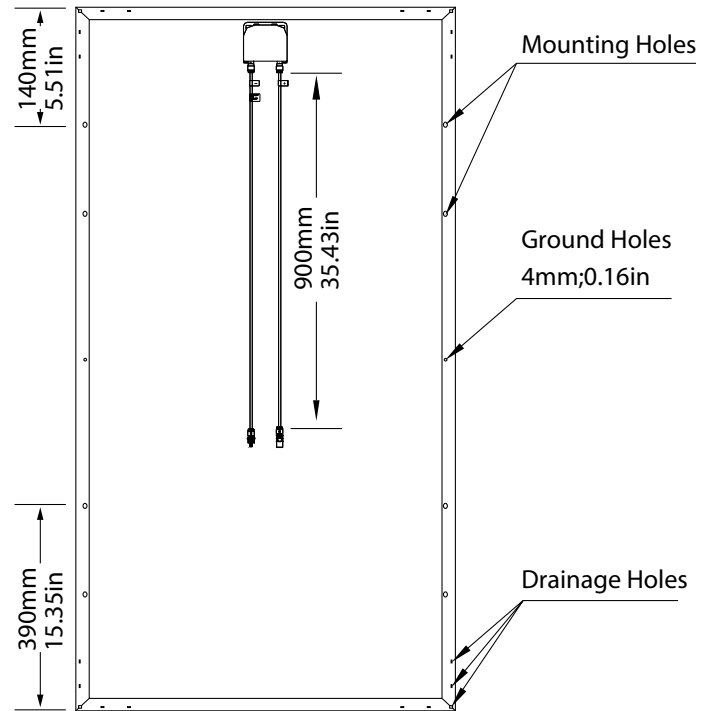
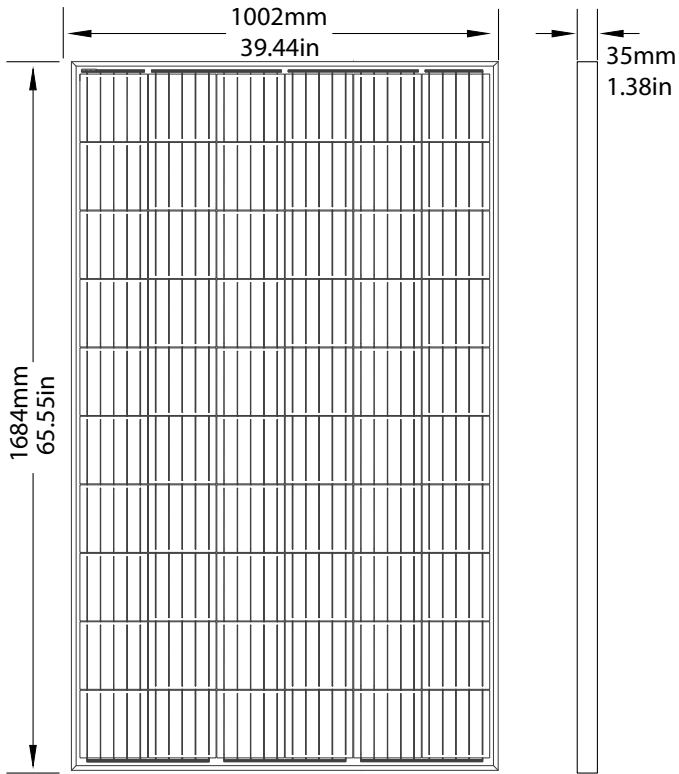


Certification



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| Electrical Specification | EXS-330M-SB |
|-----------------------------|--------------------------------|
| Maximum Power (Pmax) | 330W |
| Module Efficiency | 19,78% |
| Open Circuit Voltage (Voc) | 41,3V |
| Short Circuit Current (Isc) | 10,31A |
| Maximum Power Voltage (Vmp) | 33,8V |
| Maximum Power Current (Imp) | 9,77A |
| Maximum System Voltage | 1500V (IEC/UL) /1000V (IEC/UL) |
| Maximum Series Fuse Rating | 20A |
| Power Tolerance | 0~+5W |

Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C.
The NOCT is obtained under the Test Conditions: 800W/m², 20°C ambient temperature, AM 1.5 Spectrum, 1m/s wind speed.

| Mechanical Specification | |
|----------------------------------|----------------------------|
| Module Dimension (mm) | 1684 x 1002 x 35 |
| Number of Cell | 60 |
| Weight (kgs) | 19kg |
| Maximum Load (TUV) (Pascal) | 5400 |
| Junction Box and Cable connector | IP68 rated; MC4 compatible |
| Back-sheet and frame Color | Black |
| Ribbons and Busbar Color | Black |

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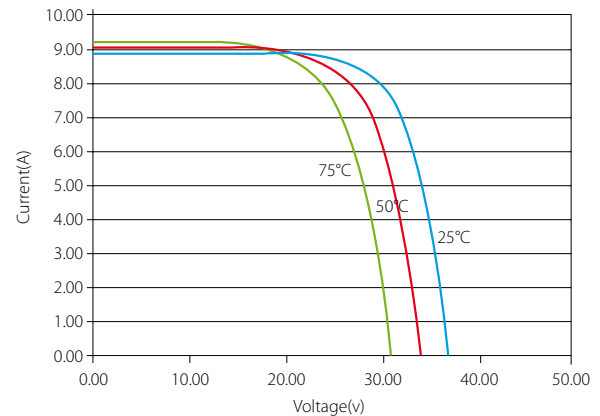
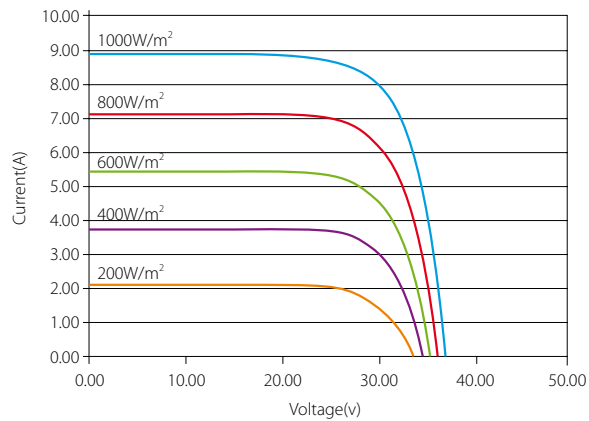
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Temperature Characteristics

| | |
|---|-------------|
| Nominal Operating Cell Temperature (NOCT) | 45 +/- 2 °C |
| Temperature Coefficient (Pmax) | -0.35% / °C |
| Temperature Coefficient (Voc) | -0.29% / °C |
| Temperature Coefficient (Isc) | 0.048% / °C |
| Operating Temperature | -40~85 °C |

The specifications are subject to change without prior notice.

IV Curve



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