

EL-315~335M -60 (5BB)

Mono Crystalline PERC Solar Module

KEY FEATURES >>>>



5 Busbar Solar Cell:

5 busbar solar cell adopts new technology to improve the efficiency of modules, offers a better aesthetic appearance, making it perfect for rooftop installation.



High Power Output:

With up to 335 Wp and 20.16% efficiency, highest performing module of its kind on the market.



PID RESISTANT:

Limited power degradation caused by PID effect is guaranteed under strict testing condition (85°C/85%RH, 96 hours) for mass production.



Low-light Performance:

Advanced glass and surface texturing allow for excellent performance in low-light environments.



Severe Weather Resilience:

Certified to withstand: wind load (3800 Pascal) and snow load (5400 Pascal).



Durability against extreme environmental conditions:

High salt mist and ammonia resistance certified by TÜV SÜD.

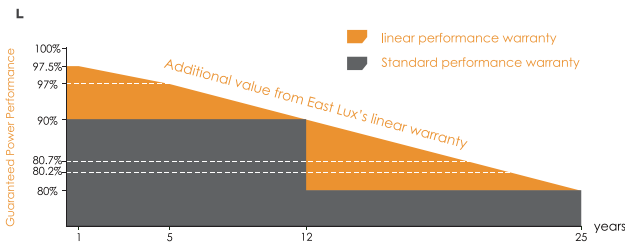


Temperature Coefficient:

Improved temperature coefficient decreases power loss during high temperatures.

LINEAR PERFORMANCE WARRANTY

12 Years Product Warranty 25 Years Linear Power Warranty



Comprehensive Certificates

- IEC 61215, IEC 61730, UL1703, CEC Listed, MCS and CE
- ISO 9001:2008: Quality management systems
- ISO 14001:2004: Environmental management systems
- BS OHSAS 18001: 2007: Occupational health and safety management system
- Environmental policy: The first solar company in China to complete Intertek's carbon footprint evaluation program and receive green leaf mark verification for our products

Reliable Quality

- Positive power tolerance: 0~+5W
- 100% EL double-inspection ensures modules are defect-free
- Modules binned by current to improve system performance
- Potential Induced Degradation (PID) Resistant



Specifications subject to technical change and tests. East Lux reserves the right of final interpretation.

SPECIFICATIONS

| Module Type | EL-315M-60 | | EL-320M-60 | | EL-325M-60 | | EL-330M-60 | | EL-335M-60 | |
|-----------------------------|------------|--------|------------|--------|------------|--------|------------|--------|------------|--------|
| | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT |
| Peak Power (Pmax) | 315W | 233W | 320W | 237W | 325W | 241W | 330W | 245W | 335W | 249W |
| Open Circuit Voltage (Voc) | 40.12V | 37.72V | 40.43V | 38.15V | 40.74V | 38.59V | 41.05V | 39.01V | 41.35V | 39.43V |
| Short circuit Current (Isc) | 10.12A | 7.98A | 10.19A | 8.02A | 10.26A | 8.06A | 10.33A | 8.10A | 10.40A | 8.14A |
| Peak Power Voltage (Vmpp) | 32.85V | 30.94V | 33.13V | 31.31V | 33.40V | 31.67V | 33.67V | 32.03V | 33.94V | 32.38V |
| Peak Power Current (Impp) | 9.59A | 7.53A | 9.66A | 7.57A | 9.73A | 7.61A | 9.80A | 7.65A | 9.87A | 7.69A |
| Component Efficiency (%) | 18.96% | | 19.26% | | 19.56% | | 19.86% | | 20.16% | |

STC(Standard Testing Conditions): Irradiance 1000W/m²,Cell Temperature 25°C,AM1.5
 NMOT(Nominal Module Operating Temperature): Irradiance 800W/m²,Ambient Temperature 20°C,Wind Speed 1m/s



Temperature Characteristics

| | |
|---|-----------|
| Standard Working Temperature (Noct) | 45±2°C |
| Peak Power Temperature Coefficient | -0.36%/°C |
| Temperature Coefficient of Open Circuit Voltage | -0.29%/°C |
| Short-circuit Current Temperature Coefficient | +0.05%/°C |



Temperature Characteristics

| | |
|------------------------|----------------|
| Working Temperature | -40°C to~+85°C |
| Maximum System Voltage | DC 1500V (IEC) |
| Maximum Fuse Rating | 30A |
| Power Tolerance | 0/+5W |



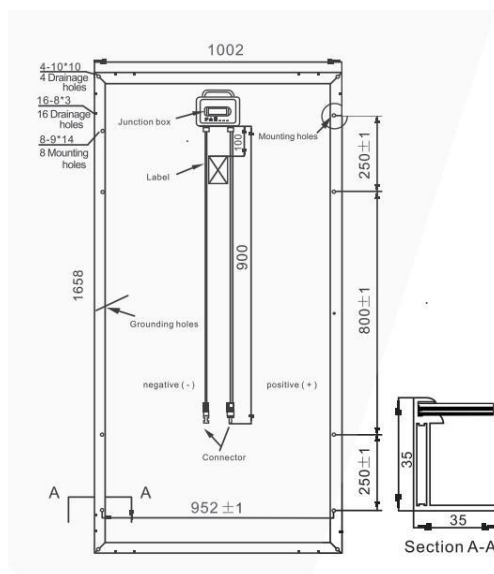
Mechanical Data

| | |
|-------------------------|--|
| Cell Type | 158.75mm Mono |
| Cell Orientation | 60(6X10) |
| Module Dimension | 1658x1002x35mm |
| Weight | 19.5 kg |
| Front | 3.2mm high transmittance, reinforced glass |
| Aluminum Frame | Anodized Aluminum Alloy |
| Junction Box | IP68 (3 Bypass Diodes) |
| | 4.0mm ² |
| Connecting Cable | Cable length |
| | 300mm |
| Plug Connector | MC4 compatible connector |
| Maximum Mechanical Load | Front 5400Pa/Back 2400Pa |

* Power measurement tolerance: ± 3%

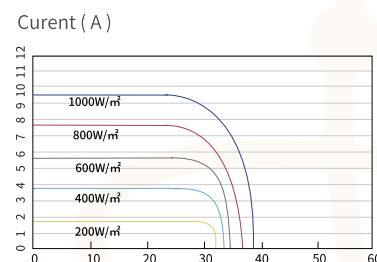
Electrical data in this catalogue do not refer to a single module and they are not part of the offer. They only serve for comparison among different module types.

Module Dimensions(mm)



I-V Curve

Current-Voltage Curve (335W)



STC

- Irradiance 1000W/m²
- Cell Temperature 25°C
- AM=1.5

NOCT

- Irradiance 800W/m²
- Ambient Temperature 20°C
- Wind Speed 1m/s
- AM=1.5

Packaging Configuration

Modules per Pallet: 30pcs
 Modules per 40' HQ Container: 840pcs