

EL-325~345M -60HN (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 345 Wp and 20.45% 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).

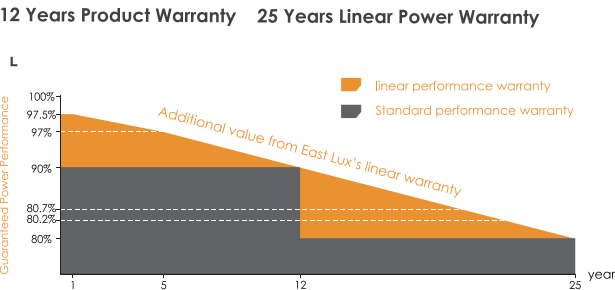


Durability against extreme environmental conditions:
High salt mist and ammonia resistance certified by TÜV SÜD.



Temperature Coefficient:
Improved temperature coefficient decreases power loss during high temperatures.

LINEAR PERFORMANCE WARRANTY



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-325M-60HN		EL-330M-60HN		EL-335M-60HN		EL-340M-60HN		EL-345M-60HN	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Peak Power (Pmax)	325W	239W	330W	243W	335W	247W	340W	251W	345W	255W
Peak Power Voltage (Vmpp)	33.45V	31.25V	33.72V	31.61V	33.99V	31.96V	34.24V	32.31V	34.51V	32.66V
Peak Power Current (Impp)	9.72A	7.65A	9.79A	7.69A	9.86A	7.73A	9.93A	7.77A	10.00A	7.81A
Open Circuit Voltage (Voc)	40.25V	37.99V	40.59V	38.44V	40.93V	38.88V	41.26V	39.32V	41.59V	39.76V
Short circuit Current (Isc)	10.22A	8.17A	10.29A	8.21A	10.36A	8.25A	10.43A	8.29A	10.50A	8.33A
Component Efficiency (%)	19.26%		19.56%		19.85%		20.15%		20.45%	

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)	41±3°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 1000V/1500V (IEC)
Maximum Fuse Rating	15A
Power Tolerance	0/+5W



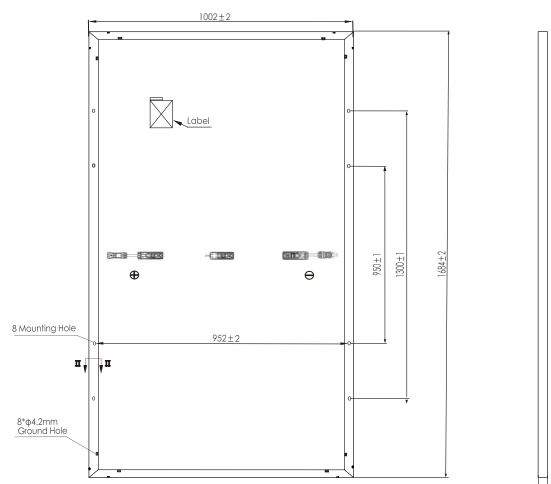
Mechanical Data

Cell Type	158.75*79.375mm Mono
Cell Orientation	120(6X20)
Module Dimension	1684x1002x35mm
Weight	19.5kg
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%

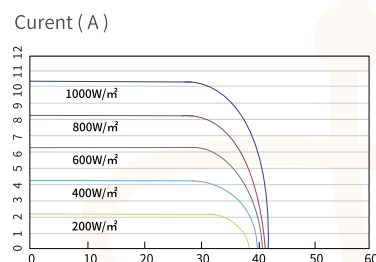
Electrical data in this catalogue do not refer to a single module and they are not part of the offer. They only serve for comparison among different module types.

Module Dimensions(mm)



I-V Curve

Current-Voltage Curve (345W)



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: 780pcs