East Lux
Power from East

EL-320~340M -60H (9BB)

Mono Crystalline PERC Solar Module

LINEAR PERFORMANCE WARRANTY

12 Years Product Warranty   25 Years Linear Power Warranty

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Guaranteed Power Performance

100%
97.5%
97%
90%
80.7%
80.2%
80%

Additional value from East Lux's linear warranty

linear performance warranty

Standard performance warranty

1   5   12   25   years
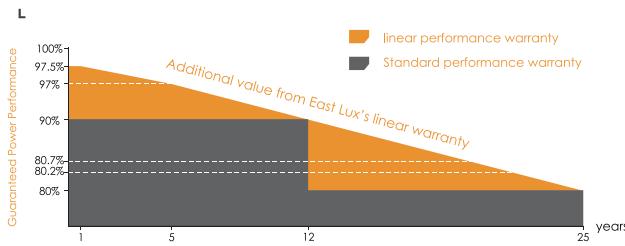
Comprehensive Certificates

- 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 verfication for our products

Reliable Quality

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

KEY FEATURES ››››

9 Busbar Solar Cell:
9 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 340 Wp and 20.15% efficiency, highest performing module of its kind on the market.

PID RESISTANT:
Limited power degradation caused by PID effect is guaranteed understrict testing condition (85℃/85%RH,96hours) 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.

SPECIFICATIONS

Module Type	EL-320M-60H		EL-325M-60H		EL-330M-60H		EL-335M-60H		EL-340M-60H	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Peak Power (Pmax)	320W	238W	325W	242W	330W	246W	335W	250W	340W	254W
Open Circuit Voltage (Voc)	40.48V	37.66V	40.78V	38.00V	41.07V	38.38V	41.37V	38.72V	41.67V	39.06V
Short circuit Current (Isc)	10.14A	8.16A	10.24A	8.21A	10.32A	8.26A	10.39A	8.32A	10.47A	8.37A
Peak Power Voltage (Vmpp)	33.52V	33.38V	33.78V	33.70V	34.06V	34.02V	34.30V	34.31V	34.55V	34.60V
Peak Power Current (Impp)	9.54A	7.13A	9.62A	7.18A	9.69A	7.23A	9.77A	7.29A	9.84A	7.34A
Component Efficiency (%)	18.97%		19.26%		19.56%		19.85%		20.15%	

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

Temperature Characteristics ///////////

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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	20A
Power Tolerance	0/+5W

Mechanical Data ///////////

Cell Type	158.75*79.375mm Mono
Cell Orientation	120(6X20)
Module Dimension	1684*1002*35mm
Weight	18.0kg
Front	3.2mm high transmittance,reinforced glass
Aluminum Frame	Anodized Aluminum Alloy
Junction Box	IP68 (3 Bypass Diodes)
	4.0mm²
Connecting Cable	Cable length
	300mm
Plug Connector	MC4 compatible connector
Maximum Mechanical Load	Front 5400Pa/Back 2400Pa

Module Dimensions(mm)

4-8*8
4 Drainage holes
16-8*3
16 Drainage holes
8-9*14
8 Mounting holes
2-Ø4mm
Grounding holes
1684
800
1300
1684
35
35
1002

I-V Currve ///////////
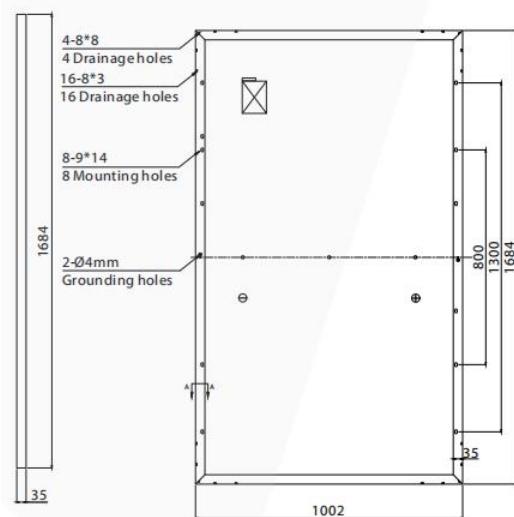
Current-Voltage Currve（340W）
Curent（A）

1000W/㎡
800W/㎡
600W/㎡
400W/㎡
200W/㎡
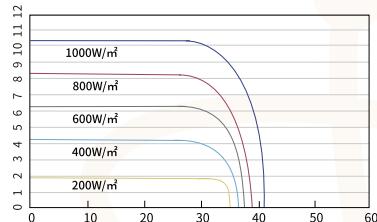
STC
- Irradiance 1000W/m²
- Cell Temperature 25°C
- AM=1.5

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

* 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.