

# EL265-285P-60DG (5BB)

DUAL GLASS POLY CRYSTALLINE MODULE

**East Lux**  
Power from East

## 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 285 Wp and 17.33% 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, 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 (2400 Pascal) and snow load (5400 Pascal).



### Durability against extreme environmental conditions:

High salt mist and ammonia resistance certified by TUV NORD.



### Temperature Coefficient:

Improved temperature coefficient decreases power loss during high temperatures.

## 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

## Comprehensive Certificates

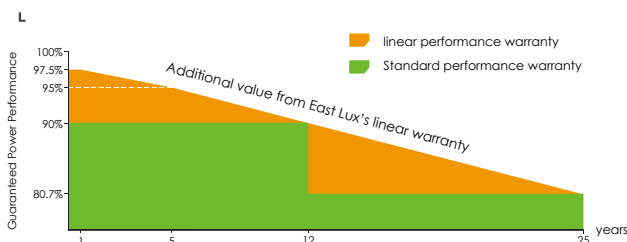
- IEC 61215, IEC 61730, UL1703, CEC Listed, MCS and CE
- ISO 9001:2008: Quality management systems
- ISO 14001:2004: Environmental management systems
- BS OHSAS 18001: 2007: Occupational health and safety management system
- Environmental policy: The first solar company in China to complete intertek's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



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

## LINEAR PERFORMANCE WARRANTY

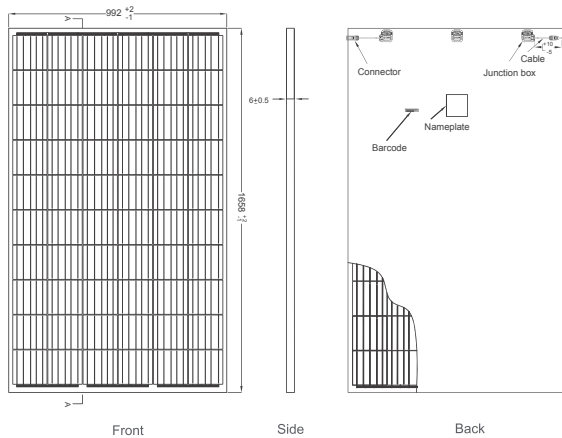
12 Years Product Warranty 30 Years Linear Power Warranty



# SPECIFICATIONS

Module Type	EL265P-60DG		EL270P-60DG		EL275P-60DG		EL280P-60DG		EL285P-60DG	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	265Wp	197Wp	270Wp	200Wp	275Wp	204Wp	280Wp	208Wp	285Wp	212Wp
Maximum Power Voltage (Vmp)	31.4V	29.0V	31.7V	29.4V	32.0V	29.8V	32.3V	30.1V	32.5V	30.4V
Maximum Power Current (Imp)	8.44A	6.78A	8.52A	6.80A	8.61A	6.85A	8.69A	6.91A	8.77A	6.97A
Open-circuit Voltage (Voc)	38.6V	35.3V	38.8V	35.4V	39.1V	35.4V	39.4V	35.6V	39.6V	35.7V
Short-circuit Current (Isc)	9.03A	7.36A	9.09A	7.38A	9.15A	7.44A	9.20A	7.99A	9.26A	8.05A
Module Efficiency STC (%)	16.11%		16.42%		16.72%		17.02%		17.33%	
Operating Temperature (°C)	-40°C ~ +85°C									
Maximum system voltage	1500VDC (IEC)									
Maximum series fuse rating	20A									
Power tolerance	0 ~ +3%									
Temperature coefficients of Pmax	-0.38%/°C									
Temperature coefficients of Voc	-0.31%/°C									
Temperature coefficients of Isc	0.06%/°C									
Nominal operating cell temperature (NOCT)	45±2°C									

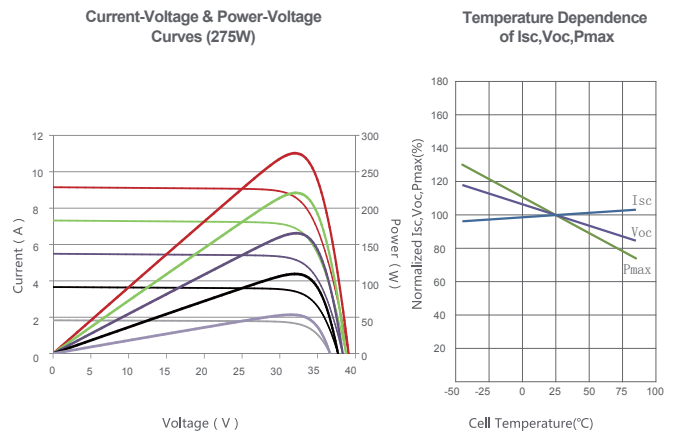
## Engineering Drawings



## Packaging Configuration

33pcs/pallet, 66pcs/stack, 858 pcs/40'HQ Container

## Electrical Performance & Temperature Dependence



## Mechanical Characteristics

Cell Type	Poly-crystalline 156×156mm (6 inch)
No. of cells	60 (6×10)
Dimensions	1658×992×6mm (65.27×39.05×0.24 inch, 2.5mm Glass)
Weight	24 kg (53 lbs, 2.5mm Glass)
Front Glass	2.5mm High transmission, Anti-Reflection coating, semi-tempered glass
Frame	2.5mm Semi-tempered glass
Junction Box	IP67 Rated
Output Cables	TUV 1×4.0mm <sup>2</sup> positive – 250mm, negative- 150mm or customized

\*STC: Irradiance 1000W/m<sup>2</sup>

Cell Temperature 25°C

AM=1.5

NOCT: Irradiance 800W/m<sup>2</sup>

Ambient Temperature 20°C

AM=1.5

Wind Speed 1m/s

\* 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.