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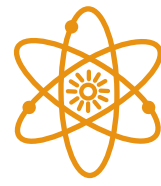
**Email: [contact@energypal.com](mailto:contact@energypal.com)**

# **EnergyPal**

## **Solar Panel Guide Specification Data Sheet**

**East Lux Energy Co., Ltd  
EL355-375MS-72DG(5BB)  
EL365MS-72DG**

Also available on the web at  
[EnergyPal.com/east-lux-energy-co-ltd-solar-panels/el365ms-72dg](http://EnergyPal.com/east-lux-energy-co-ltd-solar-panels/el365ms-72dg)



# EL355-375MS-72DG (5BB)

DUAL GLASS MONO CRYSTALLINE PERC SOLAR 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 375 Wp and 19.21% 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

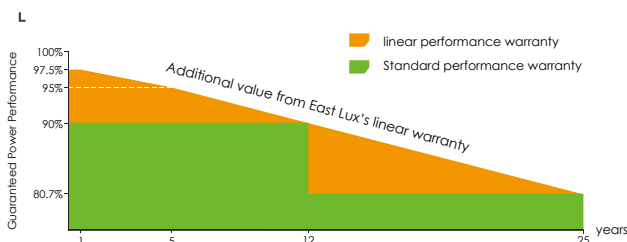
- Positive power tolerance: 0~+5W
- 100% EL double-inspection ensures modules are defects free
- Modules binned by current to improve system performance
- Potential Induced Degradation (PID) Resistant

## 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

## LINEAR PERFORMANCE WARRANTY

12 Years Product Warranty 30 Years Linear Power Warranty

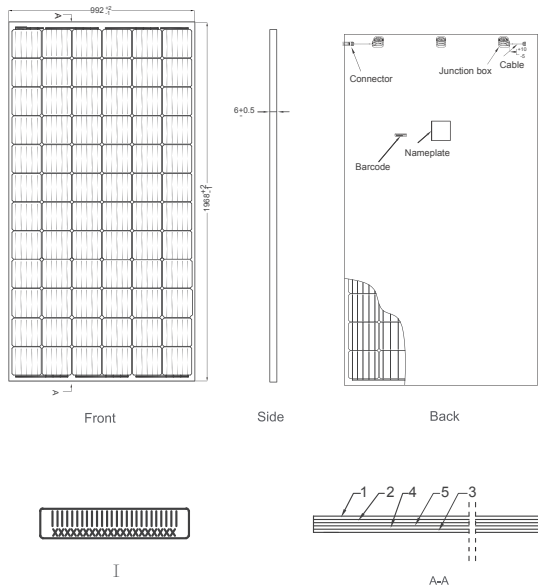


Specifications subject to technical change and tests. East Lux reserves the right of final interpretation.

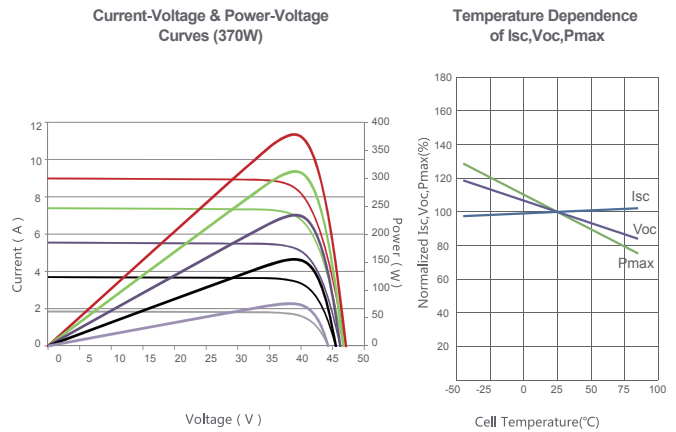
# SPECIFICATIONS

Module Type	EL355MS-72DG		EL360MS-72DG		EL365MS-72DG		EL370MS-72DG		EL375MS-72DG	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	355Wp	266Wp	360Wp	270Wp	365Wp	274Wp	370Wp	278Wp	375Wp	282Wp
Maximum Power Voltage (Vmp)	39.3V	37.5V	39.5V	37.7V	39.7V	37.9V	39.9V	38.1V	40.2V	38.3V
Maximum Power Current (Imp)	9.04A	7.09A	9.12A	7.17A	9.20A	7.24A	9.28A	7.30A	9.33A	7.36A
Open-circuit Voltage (Voc)	47.8V	46.2V	48.0V	46.5V	48.2V	46.8V	48.5V	47.0V	48.7V	47.2V
Short-circuit Current (Isc)	9.45A	7.54A	9.51A	7.61A	9.57A	7.68A	9.61A	7.75A	9.68A	7.82A
Module Efficiency STC (%)	18.18%		18.44%		18.70%		18.95%		19.21%	
Operating Temperature (C)	-40C~+85C									
Maximum system voltage	1500VDC (IEC)									
Maximum series fuse rating	20A									
Power tolerance	0~+3%									
Temperature coefficients of Pmax	-0.37%/C									
Temperature coefficients of Voc	-0.28%/C									
Temperature coefficients of Isc	0.048%/C									
Nominal operating cell temperature (NOCT)	45±2C									

## Engineering Drawings



## Electrical Performance & Temperature Dependence



## Mechanical Characteristics

Cell Type	Mono-crystalline PERC 156x156mm (6 inch)
No. of cells	72 (6x12)
Dimensions	1968x992x6mm (77.48x39.05x0.24 inch, 2.5mm Glass)
Weight	28kg (61.7 lbs, 2.5mm Glass)
Front Glass	2.5mm High transmission, Antireflection coating, semi-tempered glass
Back Glass	2.5mm Semi-tempered glass
Junction Box	IP67 Rated
Output Cables	TUV 1x4.0mm positive-250mm, negative-150mm or customized

## Packaging Configuration

30pcs/pallet, 60pcs/stack, 660 pcs/40'HQ Container

\*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%