

Mars M3

EL-350~370M3-60H

PERC Technology

Mono Crystalline PV Modules

120

CELLS



Micro-crack
Free



PID
Resistant



Salt Mist and Ammonia
Corrosion Resistant



German
Engineering



Tier 1
Choice
of Materials

GERMAN QUALITY

East Lux solar panels are made from top grade materials, automated robotic lines, German technology and standards, making the quality difference.

PERFORMANCE& INVESTMENT GURANTEE

East Lux assures high investment, security and warranty claims by providing linear performance guarantee of 25 years and 12 years of product warranty.

Reliable Quality

- IEC61215, IEC61730(2016), IEC TS 62804-1-1:2020 (Anti PID)
- ISO 9001:2008 Quality management systems
- ISO 14001:2004 Environmental management systems
- BS OHSAS 18001: 2007 Occupational health and safety management system
- Positive power tolerance: 0~+5W
- 100% Triple EL inspection ensure free of defects



PLUS SORTING

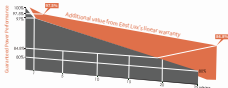
0~+5W positive sorting system to assure high output.

STABLE& STRONG

Capable to bear heavy snow loads up to 5400pa and wind loads up to 2400pa.

Linear Performance Warranty

12 years product warranty
25 years linear power warranty



German
Quality
Guarantee

linear performance warranty
Standard performance warranty

SPECIFICATIONS

Module Type

	EL-350M3-60H		EL-355M3-60H		EL-360M3-60H		EL-365M3-60H		EL-370M3-60H	
	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Peak Power (Pmax)	350W	259W	355W	262W	360W	265W	365W	268W	370W	271W
Open Circuit Voltage (Voc)	40.38V	37.23V	40.59V	37.34V	40.79V	37.45V	40.99V	37.55V	41.18V	37.66V
Short circuit Current (Isc)	11.02A	8.89A	11.10A	8.95A	11.18A	9.01A	11.26A	9.07A	11.34A	9.13A
Peak Power Voltage (Vmpp)	33.27V	30.69V	33.49V	30.82V	33.71V	30.96V	33.92V	30.09V	34.13V	31.22V
Peak Power Current (Impp)	10.52A	8.44A	12.83A	8.50A	10.68A	8.56A	10.76A	8.62A	10.84A	8.68A
Component Efficiency (%)	19.73%		20.01%		20.28%		20.55%		20.83%	

STC(Standard Testing Conditions): Irradiance 1000W/m², Cell Temperature 25°C, AML5

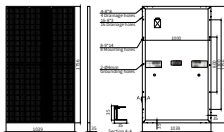
NMOT(Nominal Module Operating Temperature): Irradiance 800W/m², Ambient Temperature 20°C, Wind Speed 1m/s



Temperature Characteristics

Standard Working Temperature (NMOT)	45±2°C
Peak Power Temperature Coefficient	-0.350%/°C
Temperature Coefficient of Open Circuit Voltage	-0.275%/°C
Short-circuit Current Temperature Coefficient	+0.045%/°C
Working Temperature	-40°C to +85°C
Maximum System Voltage	DC1500V(IEC)
Maximum Fuse Rating	20A
Power Tolerance	0~+5W

Module Dimensions(mm)



Specifications in this datasheet are subject to change without prior notice.

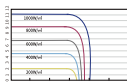


Mechanical Data

Cell Type	166x83mm Mono
Cell Orientation	120°(6x20)
Module Dimension	1756x1039x35mm
Weight	19.5kg
Front	3.2mm high transmittance, reinforced glass
Frame	Anodized Aluminum Alloy
Junction Box	IP68 (3 Bypass Diodes) 4.0mm ²
Connecting Cable	300mm (+) / 300mm (-) Length can be customized
Plug Connect	MC4 compatible connector
Maximum Mechanical Load	Front 5400Pa/Back 2400Pa

I-V Curve

Current-Voltage Curve (360W)
Current (A)



STC

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

NMOT

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

Packing Configuration

Modules per Pallet: 31pcs
Modules per 40' HQ Container: 806pcs
Modules per 20' GP Container: 186pcs