



Mars M6

EL-650~670M6-66H

PERC Technology

Mono Crystalline PV Modules

132

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 GUARANTEE

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 9001:2015 Quality management systems
- ISO 14001:2015 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

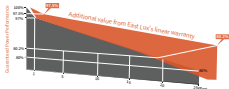
0~+5W positive sorting system to assure high output.

STABLE& STRONG

Capable to bear heavy snow loads up to 5400pa and wind loads up to 3800pa.

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-650M6-66H		EL-655M6-66H		EL-660M6-66H		EL-665M6-66H		EL-670M6-66H	
	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Peak Power (Pmax)	650W	491W	655W	495W	660W	499W	665W	503W	670W	507W
Open Circuit Voltage (Voc)	45.58V	42.30V	45.78V	42.48V	45.98V	42.67V	46.18V	42.86V	46.38V	43.04V
Short circuit Current (Isc)	18.16A	14.89A	18.21A	14.93A	18.26A	14.97A	18.31A	15.01A	18.36A	15.06A
Peak Power Voltage (Vmpp)	37.61V	34.86V	37.81V	35.05V	38.01V	35.24V	38.21V	35.42V	38.41V	35.61V
Peak Power Current (Impp)	17.28A	14.09A	17.32A	14.13A	17.36A	14.16A	17.40A	14.19A	17.44A	14.23A
Component Efficiency (%)	20.92%		21.09%		21.25%		21.41%		21.57%	

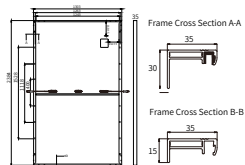
STC(Standard Testing Conditions): Irradiance 1000W/m², Cell Temperature 25°C, AM1.5

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

Temperature Characteristics

Standard Working Temperature (NMOT)	41±3°C
Peak Power Temperature Coefficient	-0.36%/°C
Temperature Coefficient of Open Circuit Voltage	-0.28%/°C
Short-circuit Current Temperature Coefficient	+0.05%/°C
Working Temperature	-40°C to +85°C
Maximum System Voltage	DC1500V(IEC)
Maximum Fuse Rating	30A
Power Tolerance	0~±5W

Module Dimensions(mm)

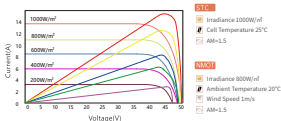


Specifications in this datasheet are subject to change without prior notice.

Mechanical Data

Cell Type	201x105mm Mono
Cell Orientation	132(fx22)
Module Dimension	2384x1303x35mm
Weight	34.0kg
Front	3.2mm Tempered Glass
Frame	Anodized Aluminum Alloy
Junction Box	IP68 (3 Bypass Diodes) 4.0m ³
Connecting Cable	280mm (+) / 280mm (-) Length can be customized
Plug Connector	MC4 compatible connector
Maximum Mechanical Load	Front 5400Pa/Back 2400Pa

I-V Curve



Packing Configuration Modules per Pallet: 31pcs
Modules per 40' HQ Container: 558pcs