EYONGPV
Portable Solar

Only focus on portable solar since 2013

EYM360-36M

High Efficiency Solar Module

Overview

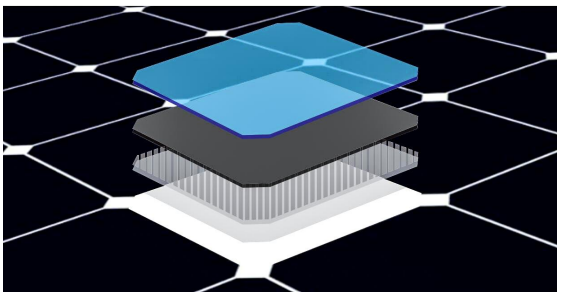
- EYONGPV sophisticated equipments, advanced technologies. and scientific management will guarantee the first-class products.
- System output maximized by reducing mismatch losses up to 2% with modules sorted & packaged by amperage.
- Positive tolerance deliver higher output reliablity.
- Module certified to withstand extreme wind and snow loads.

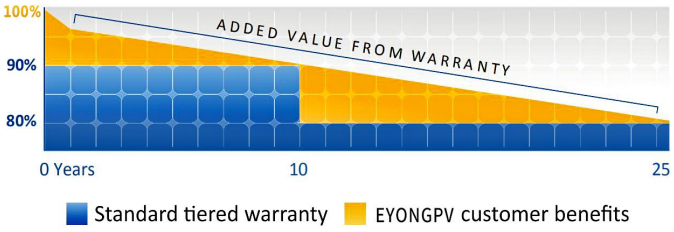
Advantages

- Unique cell design leads reduction in electrodes resistance, shading area and raise in conversion efficiency, residual stress distribution can be more even, reducing the micro-cracks risks.
- Outstanding performance under high temperature and weak light environments.
- Regular independently checked production process from international institute.
- Tested for harsh environments salt mist, ammonia corrosion and sand blowing testing.

Applications

- Mobile phone, security alarms, lights, CCTV,consumer electronics; toys, novelty and gift products, homes and Buildings;
- Golf car/boat, marine,solar power plants, water pumps and fountains, expedition vehicles, commercial Trucks, caravans;
- Agriculture and water, telecommunications, solar home system Off-Grid,on-grid and Remote Communication sites etc.





High Efficiency Cell

Providing the highest efficiency and reliability.

2 year limited product warranty on materials and workmanship
Power is not less than 90% in 10 years and 80% in 25 years

Strict QC Systems

- 100% Cells Sorting ensure Colour and Power Difference.
- 100% EL Testing before Lamination
- 100% "Zero" Defects Objective Before Shipment.

Certifications

QUALITY ASSURED FIRM ISO 9001

EYM360-36M

High Efficiency Solar Module

Electrical Specifications

*Standard Test Conditions	(Irradiance of 1000W/m2, spectrum AM 1.5g and cell temperature of 25 ºc)
Maximum Power Pmax	360W
Voltage at Maximum Power Point (Vmpp)	39.43V
Current at Maximum Power Point (Impp)	9.13A
Open Circuit Voltage (Voc)	48.52V
Short Circuit Current (Isc)	9.67A
Max System Voltage (IEC/UL)	1000V DC
Temperature Coefficient of Isc	(+0.06% /ºC)
Temperature Coefficient of Voc	(-0.33% /ºC)
Temperature Coefficient of Pmax	(-0.41% /ºC)

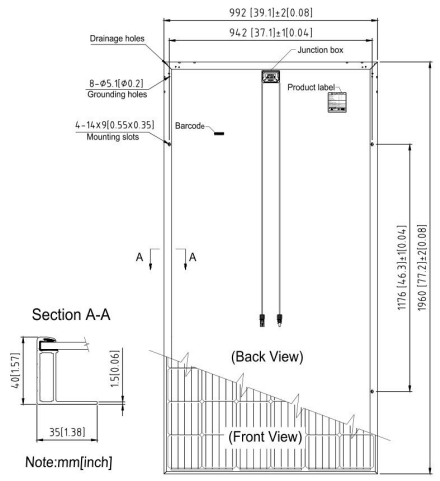
Mechanical Specifications

Cell Type	Mono solar cell
Cell Size	156mm x 156mm (6.14” x 6.14”)
No. of Cells	72 = 6 × 12 pcs
Module Dimension (L x W x T)	1956mm x 992mm x 40mm (77” x 39” x 1.57”)
Weight	23 kg ± 5%
Front material	3.2mm tempered glass
Frame	Anodized aluminium alloy
Cable Length	900mm (35.43”) for positive (+) and negative (-)
Type of Connector	MC4 compatible
Junction Box	IP67 Rated
Packing Configuration	2 pcs/ctn
Carton size	1990mm × 1030mm × 120mm (78.35” x 40.55” x 4.72”)

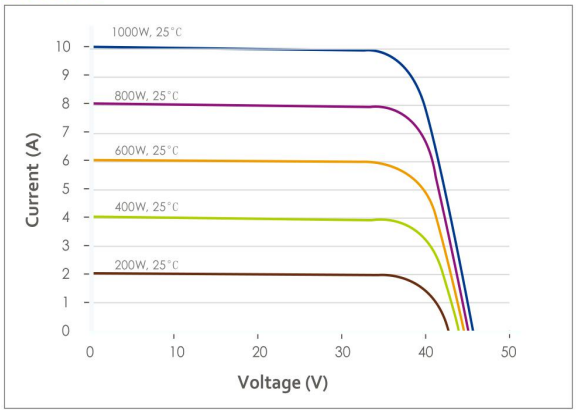
Other Performance Data

Power Tolerance	Operating Temperature	Max Series Fuse Rating	NOCT*
0%, +5%	-40℃ to +85℃	15 A	45 ºC ± 2 ºC

Physical Dimensions (mm)



TYPICAL-V CURVE



Rev A

EYONGPV LOMITED
Tel:+86-755-29420722
WeChat:13828458256
simon@eyongpv.com
Skype: simonledlighting
Https://www.eyongpv.com