

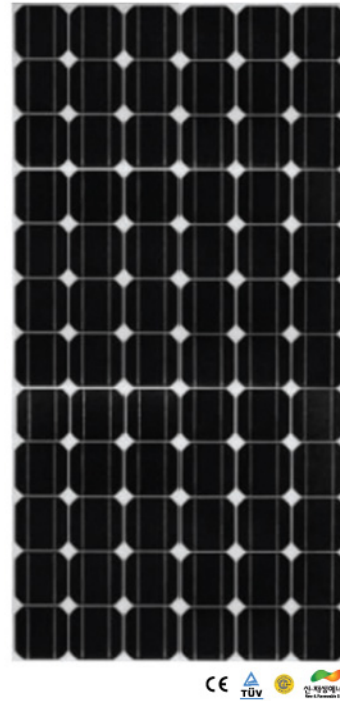


## EOPLLY 125 Monocrystalline Solar Module

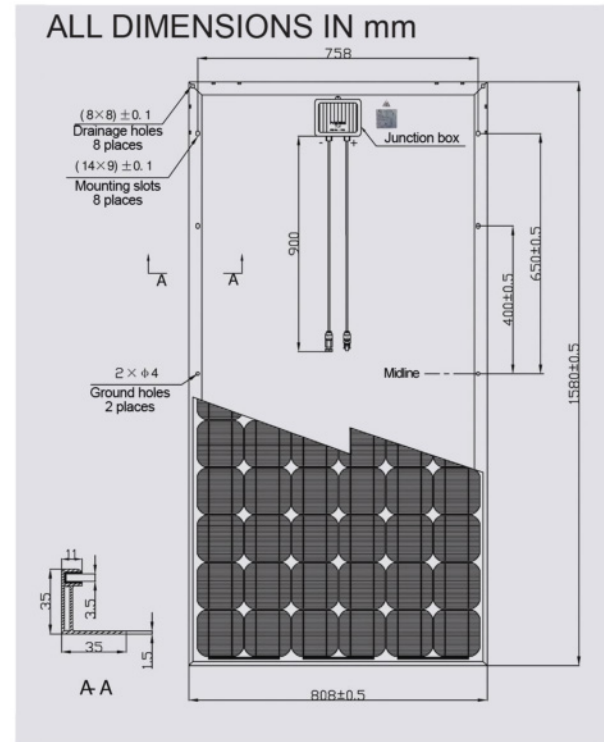
EOPLLY 125 monocrystalline series solar modules are made of 72pcs 125x125mm monocrystalline solar cells in series with high efficiency, high transmission rate and low iron tempered glass, anti-aging EVA and high flame resistant back sheet, and anodized aluminum alloy. The modules have advantages of high efficiency, long service life, easy to install as well as high wind and hail impact resistance.

### Features and Benefits

- High efficiency
- Outstanding low-light performance
- Applicable for on-grid and 24V off-grid system
- 10years product guarantee
- Power warranties: 10years (90%), 25years (80%)
- Power tolerance +/- 3%
- Modules are protected against environmental stress by firm attachment of the module frame and glass



## EOPLLY 125 Monocrystalline Solar Module



### Mechanical Characteristics

Solar Cell	Monocrystalline silicon solar cell 125x125(mm)
No. of Cells	72 (6x12)
Dimensions	1580x808x35(mm)
Weight	15kg
Front Glass	3.2mm (0.13 inches) tempered glass
Frame	Anodized aluminum alloy

### Output

Cable Type	Φ=4mm <sup>2</sup>
Lengths	L=900mm
Junction Box	PV-GZX0601 MC3 or MC4

### Temperature Coefficients

Nominal Operating Cell Temperature (NOCT)	45±2 °C
Temperature Coefficient of P <sub>max</sub>	-0.39%/°C
Temperature Coefficient of V <sub>oc</sub>	-0.34%/°C
Temperature Coefficient of I <sub>sc</sub>	0.052%/°C

## Electrical Specifications

Type / Model	125M/72-160	125M/72-165	125M/72-170	125M/72-175	125M/72-180	125M/72-185
open circuit voltage V <sub>oc</sub> (V)	42.55	42.59	42.35	44.50	43.44	43.47
optimum operating voltage V <sub>mp</sub> (V)	35.51	35.54	36.18	36.80	36.25	36.28
short-circuit current I <sub>sc</sub> (A)	4.79	4.92	4.99	5.28	5.27	5.40
optimum operating current I <sub>mp</sub> (A)	4.51	4.64	4.70	4.81	4.97	5.10
maximum power at STC P <sub>max</sub>	160W	165W	170W	175W	180W	185W
Cell efficiency	15%	15.5%	16%	16.5%	16.8%	17.2%
operating temperature	-40 °C to 85 °C	-40 °C to 85 °C	-40 °C to 85 °C	-40 °C to 85 °C	-40 °C to 85 °C	-40 °C to 85 °C
maximum system voltage	1000V	1000V	1000V	1000V	1000V	1000V
pressure resistance	227g steel ball falls down from 1m height under 60m/s wind					

The electrical specifications are typical average value from historical production data.  
The electrical data relates to standard test conditions [STC]: 1,000W/m<sup>2</sup>; AM 1.5; 25°C

