



EOPLLY 156 Monocrystalline Solar Module

EOPLLY 156 Monocrystalline series solar modules are made of 72 pcs 156mm x 156mm 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.

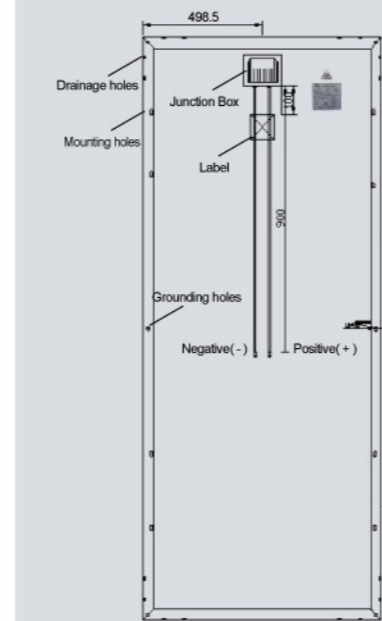
Features and Benefits

- 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



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ALL DIMENSIONS IN mm



Mechanical Characteristics

Solar Cell	Monocrystalline silicon solar cell 156x156(mm)
No.of Cells	72 (6x12)
Dimensions	19534x997x50(mm)
Weight	20kg
Front Glass	3.2mm (0.13 inches) tempered glass
Frame	Anodized aluminum alloy

Output

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

Temperature Coefficients

Nominal Operating Cell Temperature (NOCT)	45±2 °C
Temperature Coefficient of Pmax	-0.39%/°C
Temperature Coefficient of Voc	-0.34%/°C
Temperature Coefficient of Isc	0.036%/°C

Electrical Specifications

Type / Model	156M/72-260	156M/72-270	156M/72-280	156M/72-290
open circuit voltage Voc (V)	43.92	44.06	44.28	44.42
optimum operating voltage Vmp (V)	35.50	35.71	36.29	36.79
short-circuit current Isc (A)	7.86	8.31	8.44	8.55
optimum operating current Imp (A)	7.35	7.60	7.78	7.94
maximum power at STC Pmax	260W	270W	280W	290W
Cell efficiency	15%	15.6%	16.6%	16.8%
operating temperature	-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
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/m²; AM 1.5; 25°C

