

ECO GREEN ENERGY
Building a Greener World

EOS POLY by Eco Green Energy

330-350W

156.75 mm Cell - 72 cells

Founded in 2008, Eco Green Energy is a french brand solar PV manufacturer and distributing now its PV module in more than 60 countries over the world. Eos poly solar modules are made only with grade A cells for highest power generation, lowest LCOE, and ensured more than 25 years lifespan.

KEY FEATURES



PERC Cells Technology



Lower LCOE and BOS



Anti PID/ Low LID protection



Less Hot Spot Shading effects



Lower temperature coefficient

72-Cell

POLYCRYSTALLINE MODULE

18.04%

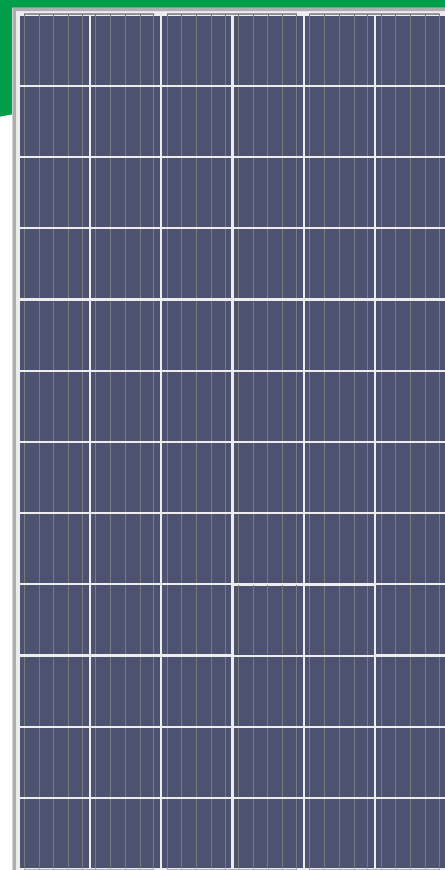
MAXIMUM EFFICIENCY

0~+5W

POSITIVE POWER TOLERANCE

GRADE A

CELLS GUARANTEED

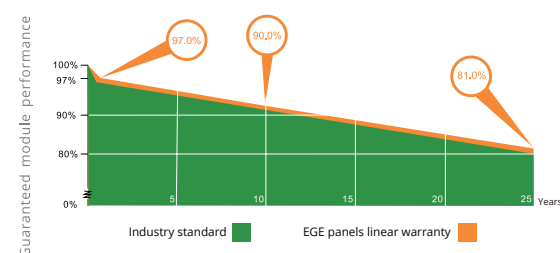


French Quality Module



LINEAR PERFORMANCE WARRANTY

12-Year Product Warranty · 25-Year Linear Power Warranty



COMPREHENSIVE CERTIFICATES

IEC 61215/ IEC 61730 / IEC 62804 / UL 61730
ISO 9001 : Quality Management Systems



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ELECTRICAL DATA AT STC*

Power output (Pmax)	330 W	335 W	340 W	345 W	350 W
Power tolerance	0~+5 W	0~+5 W	0~+5 W	0~+5 W	0~+5 W
Module efficiency	17.01 %	17.27 %	17.52 %	17.78 %	18.04 %
Maximum power voltage (Vmp)	37.93 V	38.15 V	38.42 V	38.68 V	38.93 V
Maximum power current (Imp)	8.70 A	8.78 A	8.85 A	8.92 A	8.99 A
Open circuit voltage (Voc)	46.11 V	46.32 V	46.58 V	46.85 V	47.12 V
Short circuit current (Isc)	9.10 A	9.16 A	9.23 A	9.31 A	9.38 A

*Standard Test Conditions: Irradiance: 1 000 W / m² • Cell temperature: 25°C • AM: 1.5

ELECTRICAL DATA AT NMOT*

Power output (Pmax)	244.13 W	247.83 W	251.53 W	255.23 W	258.92 W
Maximum power voltage (Vmp)	35.03 V	35.23 V	35.48 V	35.72 V	35.96 V
Maximum power current (Imp)	6.96 A	7.02 A	7.08 A	7.14 A	7.19 A
Open circuit voltage (Voc)	42.80 V	43.00 V	43.24 V	43.49 V	43.74 V
Short circuit current (Isc)	7.39 A	7.44 A	7.49 A	7.56 A	7.61 A

*Nominal Operating Cell Temperature: Irradiance: 800 W / m² • Ambient temperature: 20°C
• AM: 1.5 • Wind speed: 1 m/s

MECHANICAL CHARACTERISTICS

Cell type	Polycrystalline (156.75x156.75mm)
Number of cells	72
Dimensions	1956x992x40mm
Weight	22.8 kg
Glass	3.2 mm tempered glass, High transmission (>94%), Anti-Reflective Coating
Frame	Anodized aluminium alloy
Junction box	IP68 rated (3 by pass diodes)
Cable	4mm ² , 900mm (+) 900mm (-) ; Length can be customized
Connector	MC4 or MC4 compatible
Max front load (e.g.: snow)	5400 Pa
Max back load (e.g.: wind)	2400 Pa

TEMPERATURE CHARACTERISTICS

NOCT	45 °C ±2 °C
Temperature coefficient of Pmax	-0.396%/°C
Temperature coefficient of Voc	-0.31%/°C
Temperature coefficient of Isc	+0.06%/°C

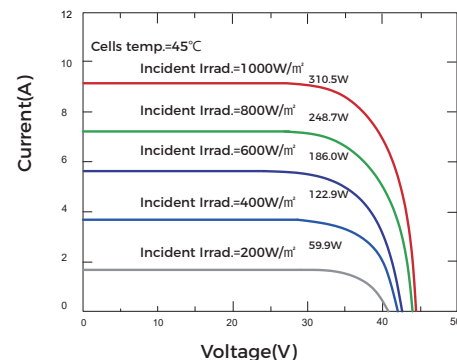
MAXIMUM RATINGS

Operating temperature range	-45 °C ~+85 °C
Maximum system voltage	1500V/DC(IEC) 1500V/DC(UL)
Max series fuse rating	25 A

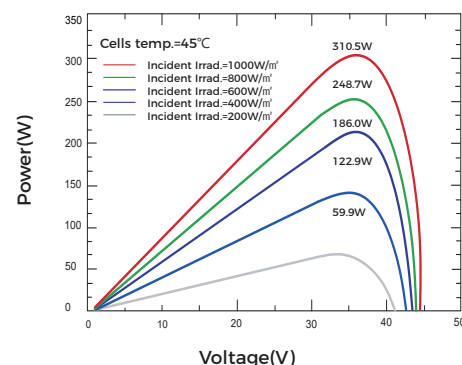
PACKAGING (1956x992x40mm)

Type	Pcs	Weight
Per Pallet	27 pcs	650 kg
40ft HQ Container	720 pcs	17.3 t

PV MODULE : EGE-350W-72M



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Dimension of PV Module (mm)

