

EOS POLY

330-350W

158.75 mm Cell - 72 Cells



KEY FEATURES



PERC Cells Technology



Lower LCOE and BOS



Less Hot Spot Shading effects



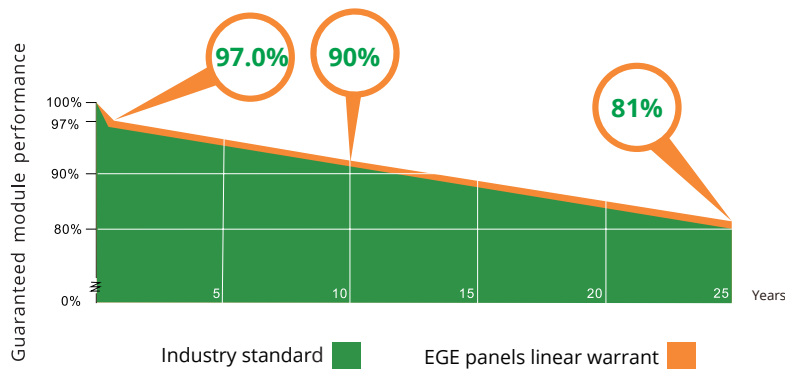
Anti PID/ Low LID protection



Lower temperature coefficient

LINEAR PERFORMANCE WARRANTY

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



72 Cells(5BB)

Polycrystalline Module



18.04%

Maximum Efficiency



0~+5W

Positive Power Tolerance



GRADE A

Cells Guaranteed

COMPREHENSIVE CERTIFICATES

IEC 61215/ IEC 61730 / IEC 61701 / IEC 62716

ISO 9001 : Quality Management Systems



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 (STC) : Irradiance : 1,000 W / m² • Cell temperature : 25°C • AM: 1.5

ELECTRICAL DATA AT NOCT**

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 (NOCT) : Irradiance: 800 W / m² • Environment temperature : 20°C • AM : 1.5 • Wind speed : 1 m/s

MECHANICAL CHARACTERISTICS

Cell type	Polycrystalline (156.75x156.75mm)
Number of cells	72
Dimensions	1,956x992x40mm
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)	5,400 Pa
Max back load (e.g.: wind)	2,400 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

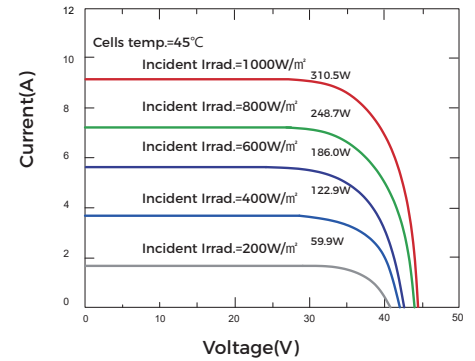
MAXIMUM RATINGS

Operating temperature range	-45 °C ~+85 °C
Maximum system voltage	1,500V/DC(IEC) 1,500V/DC(UL)
Max series fuse rating	25 A

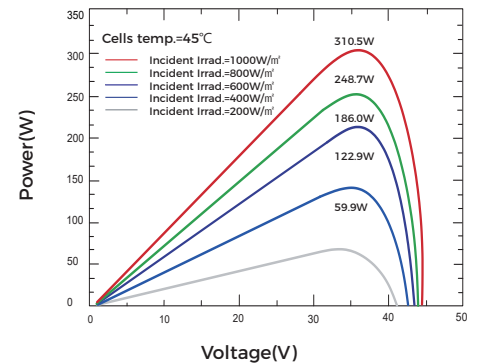
PACKAGING (1,956x992x40mm)

Type	Quantity	Weight
Per Pallet	31 pcs	738 kg
40ft HQ Container	816 pcs	19.43 t

PV MODULE : EGE-350P-72



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Dimension of PV Module (mm)

