

EOS MONO

320-335W

158.75 mm Cell - 60 Cells



KEY FEATURES



PERC Cells Technology



Lower LCOE and BOS



Less Hot Spot Shading effects



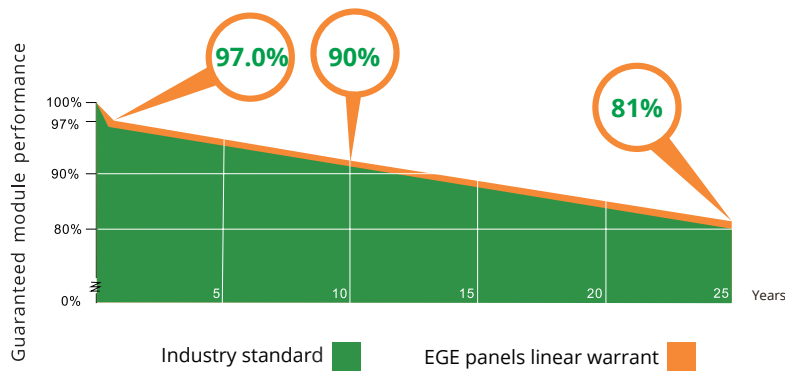
Anti PID/ Low LID protection



Lower temperature coefficient

LINEAR PERFORMANCE WARRANTY

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



60 Cells(5BB)

Monocrystalline Module



20.08%

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) | 320 W | 325 W | 330 W | 335 W |
| Power tolerance | 0~+5 W | 0~+5 W | 0~+5 W | 0~+5 W |
| Module efficiency | 19.18 % | 19.48 % | 19.78 % | 20.08 % |
| Maximum power voltage (Vmp) | 33.16 V | 33.37 V | 33.54 V | 33.74 V |
| Maximum power current (Imp) | 9.65 A | 9.74 A | 9.84 A | 9.93 A |
| Open circuit voltage (Voc) | 40.42 V | 40.63 V | 40.80 V | 41.04 V |
| Short circuit current (Isc) | 10.06 A | 10.15 A | 10.25 A <td 10.35 A | |

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

ELECTRICAL DATA AT NOCT**

| | | | | |
|-----------------------------|----------|----------|----------|----------|
| Power output (Pmax) | 238.60 W | 242.33 W | 246.06 W | 249.79 W |
| Maximum power voltage (Vmp) | 31.09 V | 31.28 V | 31.44 V | 31.63 V |
| Maximum power current (Imp) | 7.66 A | 7.74A | 7.81 A | 7.89 A |
| Open circuit voltage (Voc) | 37.48 V | 37.68 V | 37.84 V | 38.06 V |
| Short circuit current (Isc) | 8.18 A | 8.25 A | 8.33 A | 8.41 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 | Monocrystalline (158.75x158.75 mm) |
| Number of cells | 60 |
| Dimensions | 1,665x1,002x35mm |
| Weight | 18.9 kg |
| Glass | 3.2 mm Tempered Glass, High Transmission (>94%), Anti-Reflective Coating |
| Frame | Anodized aluminium alloy |
| Junction box | IP68 |
| 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 |

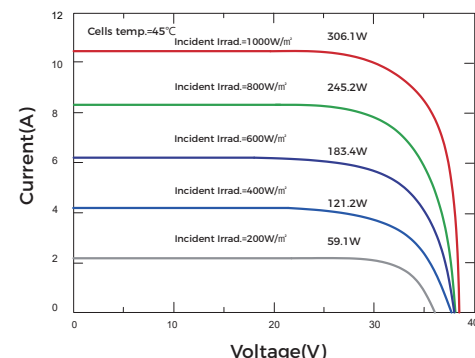
MAXIMUM RATINGS

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

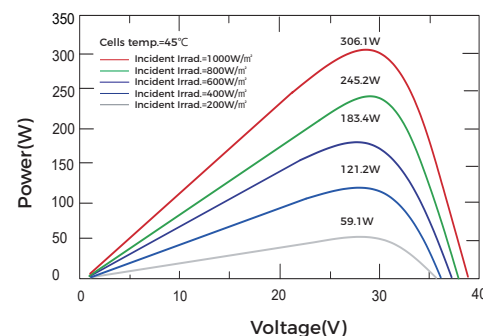
PACKAGING (1,665x1,002x35mm)

| | | |
|-------------------|----------|---------|
| Type | Quantity | Weight |
| Per pallet | 31 pcs | 590 kg |
| 40ft HQ Container | 924 pcs | 17.59 t |

PV MODULE : EGE-330M-60



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Dimension of PV Module (mm)

