

SOLAR MODULE EGE-335-365M-72-BIFACIAL MONOCRYSTALLINE MODULE

335-365 W / 72 Cells / 5 Bus bars



Eco Green Energy's modules are only made of grade A solar cells with a very high efficiency and ensured more than 25 years lifespan.

KEY FEATURES



5 bus bars cells, with efficiency up to 22.8 %



IP67 junction box for long term weather endurance



High quality aluminum frame, resisting load up to 5400 Pa and wind pressure up to 2400 Pa



High transmissivity, low-iron tempered glass



High performance in low-light environment



Double EL test before and after lamination



OUTPUT POWER WARRANTY



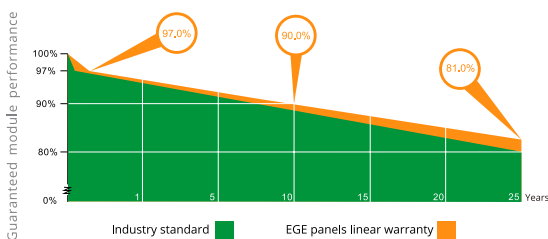
PRODUCT WARRANTY

CERTIFICATES

IEC 61215 / IEC 61730 / IEC 61701 / CE / ISO 9001:2015 / UL 1703 / PV CYCLE / PID FREE

LINEAR PERFORMANCE WARRANTY

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



ELECTRICAL DATA AT STC*

Power output (Pmax)	335 W	340 W	345 W	350 W	355 W	360 W	365 W
Power tolerance	0~+5 W	0~+5 W	0~+5 W	0~+5 W	0~+5 W	0~+5 W	0~+5 W
Module efficiency	16.70 %	16.95 %	17.20 %	17.45 %	17.70 %	17.95 %	18.20 %
Maximum power voltage (Vmp)	37.93 V	38.15 V	38.41 V	38.71 V	39.12 V	39.34 V	39.46 V
Maximum power current (Imp)	8.83 A	8.91 A	8.98 A	9.04 A	9.07 A	9.15 A	9.25 A
Open circuit voltage (Voc)	46.25 V	46.41 V	46.64 V	46.88 V	47.02 V	47.22 V	47.30 V
Short circuit current (Isc)	9.20 A	9.25 A	9.32 A	9.38 A	9.45 A	9.51 A	9.62 A

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

POWER GAIN BIFACIAL STC*

10%	Power output (Pmax)	369 W	374 W	379 W	385 W	390 W	396 W	402 W
	Module efficiency	18.37 %	18.65 %	18.92 %	19.20 %	19.47 %	19.75 %	20.02 %
15%	Power output (Pmax)	385 W	391 W	397 W	402 W	408 W	414 W	420 W
	Module efficiency	19.21 %	19.49 %	19.78 %	20.07 %	20.36 %	20.64 %	20.93 %
20%	Power output (Pmax)	402 W	408 W	414 W	420 W	426 W	432 W	438 W
	Module efficiency	20.04 %	20.34 %	20.64 %	20.94 %	21.24 %	21.54 %	21.84 %

*Power Gain Bifacial in STC: It depends on installation condition.

ELECTRICAL DATA AT NOCT*

Power output (Pmax)	249.79 W	253.51 W	257.24 W	260.97 W	264.70 W	268.43 W	272.15 W
Maximum power voltage (Vmp)	35.56 V	35.77 V	36.01 V	36.29 V	36.68 V	36.89 V	36.99 V
Maximum power current (Imp)	7.01 A	7.08 A	7.13 A	7.18 A	7.21 A	7.27 A	7.35 A
Open circuit voltage (Voc)	42.89 V	43.04 V	43.25 V	43.48 V	43.61 V	43.79 V	43.87 V
Short circuit current (Isc)	7.48 A	7.52 A	7.58 A	7.63 A	7.68 A	7.73 A	7.82 A

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

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	1500 V
Max series fuse rating	15 A
Max front load (e.g.: snow)	5400 Pa
Max back load (e.g.: wind)	2400 Pa

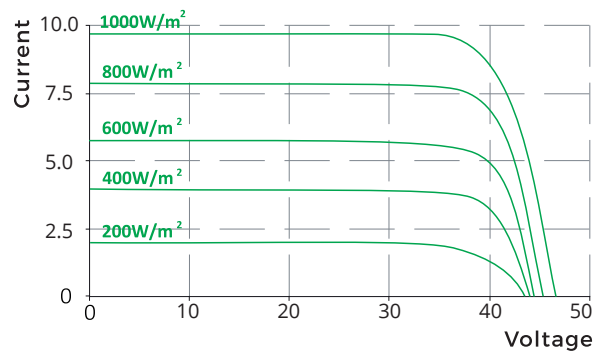
MECHANICAL CHARACTERISTICS

Cell type	Monocrystalline (158.75x158.75 mm)
Number of cells	72
Dimensions	2002x1002x40mm
Weight	22.8 kg
Glass	2 X 2.5 mm tempered glass
Frame	Anodized aluminium alloy
Junction box	IP67
Cable	0.25m & 0.35m
Connector	MC4 or MC4 compatible

PACKAGING

Type	Pcs/ Type	Weight
Per pallet	26 pcs	650 kg
20ft GP Container	290 pcs	7.25 t
40ft GP Container	572 pcs	14.30 t
40ft HQ Container	638 pcs	15.95 t

I-V CURVES



ENGINEERING DRAWINGS (mm)

