


# SOLAR MODULE EGE-245P-60 POLYCRYSTALLINE MODULE


245 W / 60 Cells / 5 Bus bars

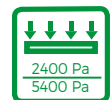


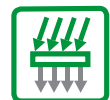
Eco Green Energy's modules are only made of grade A solar cells with a very high efficiency and ensured more than 25 years lifespan.


## KEY FEATURES


 5 bus bars cells, with efficiency up to 21 %

 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

 **25 YEARS** **OUTPUT POWER WARRANTY**

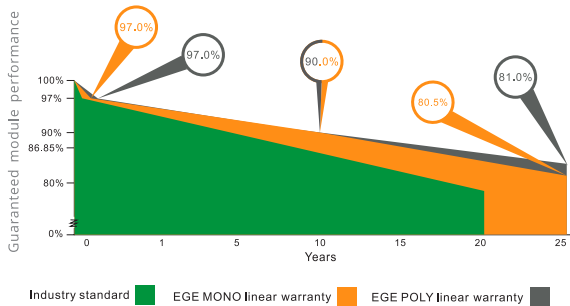
 **12 YEARS** **PRODUCT WARRANTY**

## CERTIFICATES

IEC 61215 / IEC 61730 / CE  
ISO 9001:2015

## LINEAR PERFORMANCE WARRANTY

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



## ELECTRICAL DATA AT STC\*

Power output (Pmax)	245 W
Power tolerance	0~+5 W
Module efficiency	16.60 %
Maximum power voltage (Vmp)	31.44 V
Maximum power current (Imp)	8.59 A
Open circuit voltage (Voc)	38.45 V
Short circuit current (Isc)	9.03 A

\*Standard Test Conditions: Irradiance: 1 000 W / m<sup>2</sup>  
Cell temperature: 25 °C • AM: 1.5

## ELECTRICAL DATA AT NOCT\*

Power output (Pmax)	199.74 W
Maximum power voltage (Vmp)	25.15 V
Maximum power current (Imp)	7.97 A
Open circuit voltage (Voc)	35.51 V
Short circuit current (Isc)	7.33 A

\*Nominal Operating Cell Temperature: Irradiance: 800 W / m<sup>2</sup>  
Ambiant 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

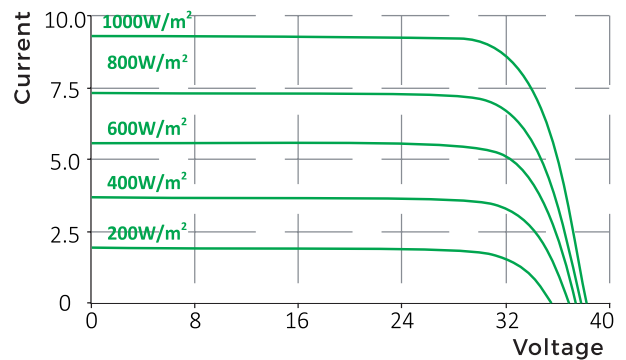
## MAXIMUM RATINGS

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

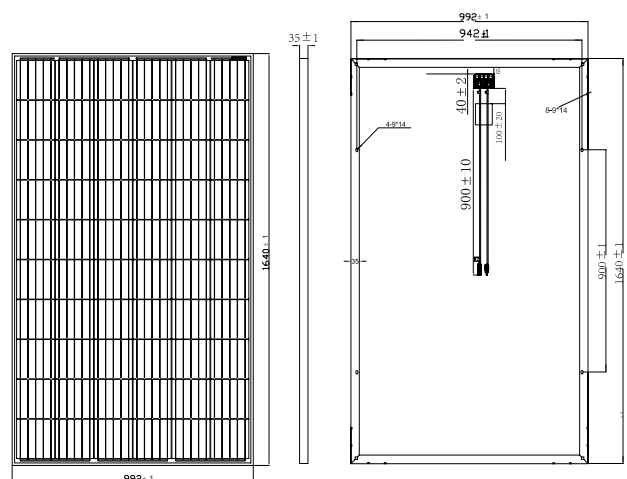
## MECHANICAL CHARACTERISTICS

Cell type	Polycrystallin (156x156 mm)
Number of cells	60
Dimensions	1640x992x35mm
Weight	18.8 kg
Glass	3.2 mm tempered glass
Frame	Anodized aluminium alloy
Junction box	IP67
Cable	0.9 m
Connector	MC4 or MC4 compatible

## I-V CURVES



## ENGINEERING DRAWINGS (mm)



## PACKAGING

Type	Pcs/ Type	Weight
Per pallet	30 pcs	594 kg
20ft GP Container	400 pcs	7.9 t
40ft GP Container	840 pcs	16.6 t
40ft HQ Container	924 pcs	18.3 t