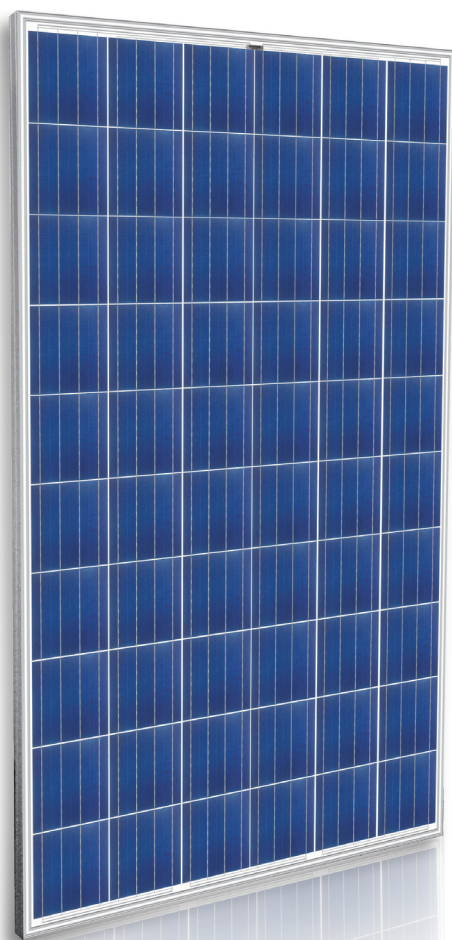




ECO GREEN ENERGY

EGE-250P-60 **POLYCRYSTALLINE** **PHOTOVOLTAIC MODULE**



4 busbars cells, with efficiency up to 18.8 %.



IP65 or IP67 junction box for long term weather endurance.



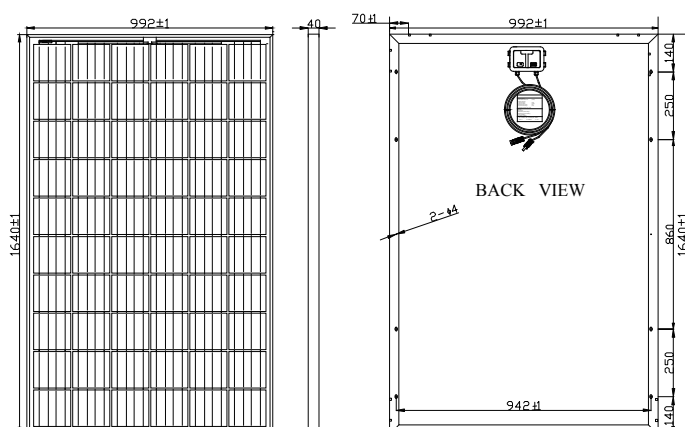
High quality aluminum frame, resisting load up to 5400 Pa and wind pressure up to 2400 Pa.



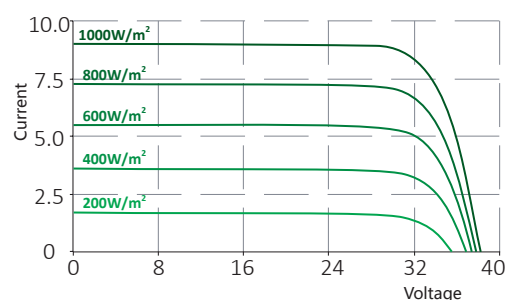
High transmissivity, low-iron tempered glass.



Engineering drawings



IV curves



Temperature characteristics

NOCT	45 °C ±2 °C
Temperature coefficient of Pmax	-0.41 %/°C
Temperature coefficient of Voc	-0.31 %/°C
Temperature coefficient of Isc	+0.06 %/°C

Electrical characteristics at STC*

Power output (Pmax)	250 W
Power output tolerance	+3 %
Panel efficiency	15.37 %
Maximum power voltage (Vmp)	30.68 V
Maximum power current (Imp)	8.15 A
Open circuit voltage (Voc)	37.54 V
Short circuit current (Isc)	8.70 A

*Standard test conditions:
irradiance: 1000 W/m² • cell temperature: 25 °C • AM: 1.5

General characteristics

Cell type	Polycrystalline (156×156 mm)
Number of cells	60
Dimensions	1640×992×40 mm
Weight	18.8 kg
Glass	3.2 mm tempered glass
Frame	Anodized aluminium alloy
Junction box	IP65 or IP67
Cable	0.9 m
Connector	MC4 or MC4 compatible

Electrical characteristics at NOCT*

Power output (Pmax)	185 W
Maximum power voltage (Vmp)	28.34 V
Maximum power current (Imp)	6.52 A
Open circuit voltage (Voc)	34.85 V
Short circuit current (Isc)	7.06 A

*Nominal operating cell temperature:
irradiance: 800 W/m² • ambient temperature: 20 °C • AM: 1.5 • wind speed: 1 m/s

Packaging

Per box	2 pcs
Per 20ft GP container	350 pcs
Per 40ft GP container	780 pcs
Per 40ft HQ container	800 pcs

Operating conditions

Operating temperature range	-45 °C ~ +85 °C
Max system voltage	1000 V
Max series fuse rating	15 A
Max front load (ex: snow)	5400 Pa
Max back load (ex: wind)	2400 Pa

Certification

