

EOS POLY 200W

156.75 mm Cell - 72 Cells



KEY FEATURES



PERC Cells Technology



Lower LCOE and BOS



Less Hot Spot Shading effects



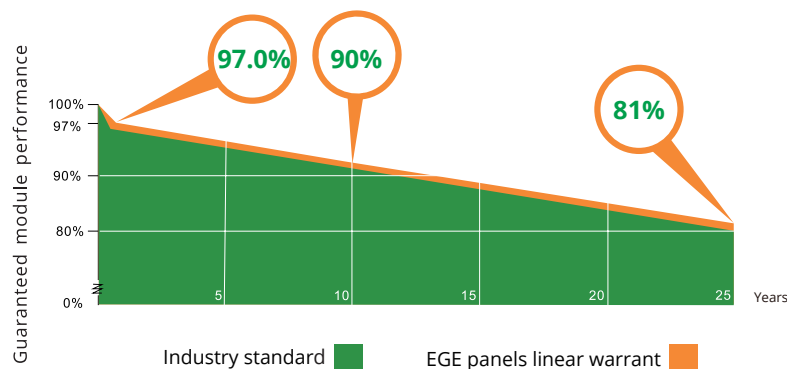
Anti PID/ Low LID protection



Lower temperature coefficient

LINEAR PERFORMANCE WARRANTY

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



72 Cells(5BB)

Polycrystalline Module



15.27%

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)	200 W
Power tolerance	0~+5 W
Module efficiency	15.27 %
Maximum power voltage (Vmp)	18.54 V
Maximum power current (Imp)	10.79 A
Open circuit voltage (Voc)	22.51 V
Short circuit current (Isc)	11.75 A

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

ELECTRICAL DATA AT NOCT**

Power output (Pmax)	147.96 W
Maximum power voltage (Vmp)	17.12 V
Maximum power current (Imp)	8.63 A
Open circuit voltage (Voc)	20.90 V
Short circuit current (Isc)	9.54 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 (156.75x104mm)
Number of cells	72
Dimensions	1,320x992x35mm
Weight	15.0 kg
Glass	3.2 mm Tempered Glass, High Transmission (>94%), Anti-Reflective Coating
Frame	Anodized aluminium alloy
Junction box	IP68
Cable	4mm², 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

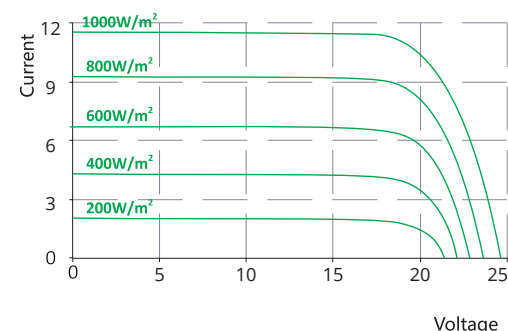
MAXIMUM RATINGS

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 (1,320x992x35mm)

Type	Quantity	Weight
Per pallet	31 pcs	495 kg
40ft HQ Container	1,160 pcs	18.5 t

I-V CURVES



Dimension of PV Module (mm)

