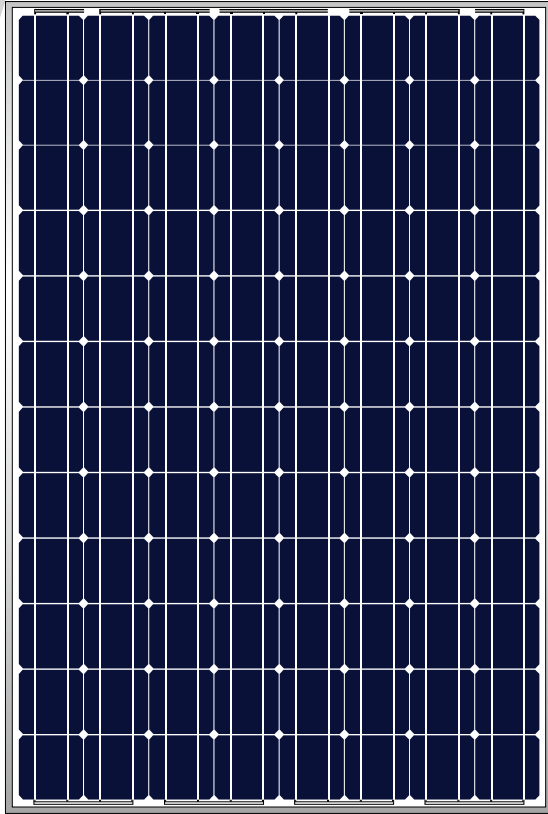









# EOPLLY 125MF / 96 (250W-270W)

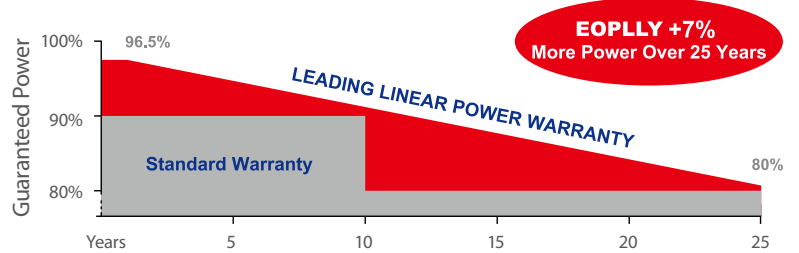
## Monocrystalline Silicon Solar Module



EOPLLY 125 Monocrystalline series solar modules are made of 96 pcs 125x125mm monocrystalline solar cells in series with high efficiency, high transmission rate and low iron tempered glass, anti-aging EVA, flame resistant back sheet and anodized aluminum alloy. Eoply modules are built to high quality standards (86 control points) offering a long service life, are easy to install and demonstrate high wind and hail impact resistance.

### FEATURES AND BENEFITS

-  Member of PV CYCLE
-  Pass 5400 Pa Pressure Test
-  High efficiency  
Outstanding low-light performance thanks to anti-reflective glass
-  10 years product guarantee
-  Power warranties:  
25 year linear
-  Applicable for on-grid and 24V off-grid system
-  Power tolerance 0/+3%  
Three bypass diodes



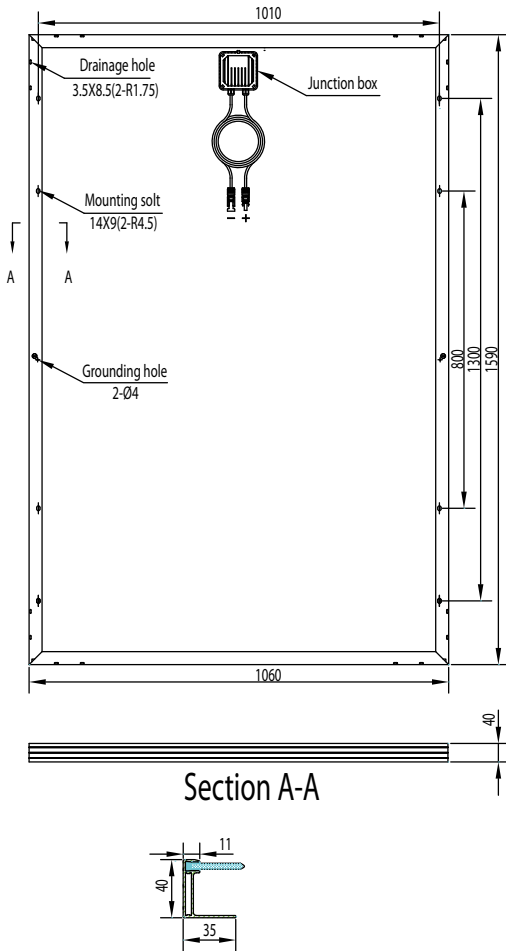
EOPLLY's Linear Power Warranty guarantees 96.5% at Year 1 and 80% at Year 25 with no greater than 0.7% per year loss. EOPLLY guarantees more electricity production over 25 years than standard warranties. Our 10 years materials and workmanship warranty is a guaranty of quality and long lifetime.



# EOPLLY 125MF / 96 (250W-270W)

## Monocrystalline Silicon Solar Module

ALL DIMENSIONS IN mm



ELECTRICAL DATA @STC	EP125MF/96-250W	EP125MF/96-255W	EP125MF/96-260W	EP125MF/96-265W	EP125MF/96-270W
Rated Maximum Power (Watts)	250	255	260	265	270
Power Output Tolerance-Pmax (%)	0/+3	0/+3	0/+3	0/+3	0/+3
Maximum Power Voltage (V dc)	48.08	48.50	48.60	48.87	49.14
Maximum Power Current (A dc)	5.235	5.314	5.389	5.447	5.505
Open Circuit Voltage (V dc)	60.36	60.44	60.50	60.66	60.95
Short Circuit Current (A dc)	5.622	5.669	5.746	5.819	5.870
Module Efficiency	14.83%	15.13%	15.43%	15.72%	16.02%

Values at Standard Test Conditions STC (Air Mass AM1.5, Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C)

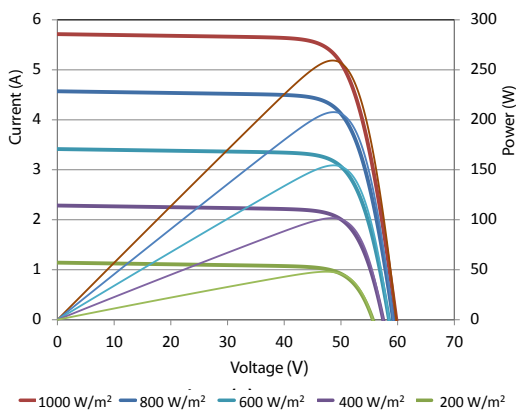
ELECTRICAL DATA @NOCT	EP125MF/96-250W	EP125MF/96-255W	EP125MF/96-260W	EP125MF/96-265W	EP125MF/96-270W
Maximum Power (W)	182.5	185.7	189.6	192.2	195.7
Maximum Power Voltage (V dc)	43.20	43.57	43.62	43.88	44.16
Maximum Power Current (A dc)	4.225	4.262	4.346	4.380	4.432
Open Circuit Voltage (V dc)	54.45	54.68	54.67	54.93	55.19
Short Circuit Current (A dc)	4.570	4.612	4.673	4.716	4.749

Values at noct: Irradiance at 800W/m<sup>2</sup>, Ambient Temperature 20°C, Wind Speed 1m/s.

TEMPERATURE RATINGS	
Nominal Operating Cell Temperature (NOCT)	47±2°C
Short-circuit current temperature coefficient (%/°C)	0.04
Open-circuit Voltage temperature coefficient (%/°C)	-0.34
Peak power temperature coefficient (%/°C)	-0.46

MAXIMUM RATINGS	
Operational Temperature	-40~+85°C
Maximum System Voltage	1000V DC(IEC) 600V DC(UL)
Max Series Fuse Rating	13A

Current - Voltage curve at various light levels (125MF/96)



Ave. efficiency reduction of <4.5% at 200W/m<sup>2</sup> according to IEC 60904-1:2006

MECHANICAL DATA	
Solar Cells	Polycrystalline silicon solar cell 125x125mm
Cell Orientation	96 (8x12)
Module Dimension	1590 × 1060 × 40mm
Weight	20kg
Glass	3.2mm tempered glass
Frame	Anodized aluminum alloy
Junction Box	Above IP67

