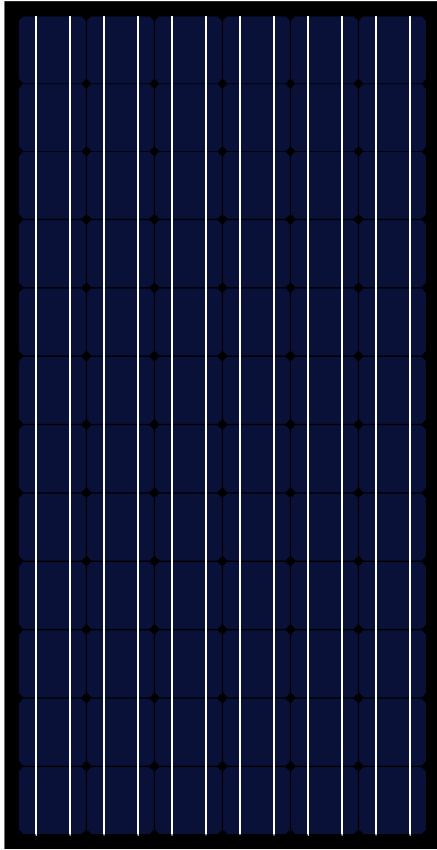


EOPLLY 125MB / 72 (190W-200W)

Monocrystalline Silicon Black Solar Module



ALL BLACK MONO-SILICON MODULE FOR RESIDENTIAL APPLICATIONS

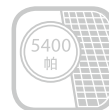


EOPLLY 125 Monocrystalline series solar modules are made of 72 pcs 125x125mm monocrystalline solar cells in series with high efficiency, high transmission rate and low iron tempered glass, anti-aging EVA, flame resistant back sheet and anodized aluminum alloy. Eoply modules are built to high quality 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



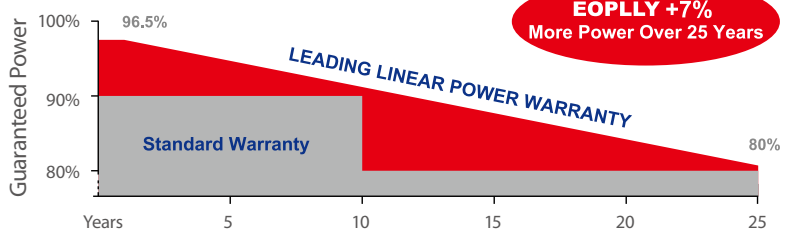
Power warranties:
25 year linear



Applicable for on-grid and 24V off-grid system



Power tolerance 0/+3%
Three bypass diodes



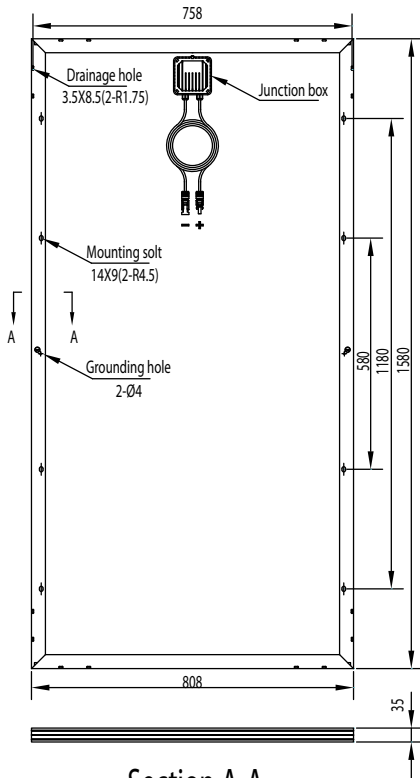
EOPLLY's Linear Power Warranty guarantees 96.5% at Year 1 and 80% at Year 25 with no greater than 0.7% per year loss. EOPLLY guarantees more electricity production over 25 years than standard warranties. Our 10 years materials and workmanship warranty is a guaranty of quality and long lifetime.



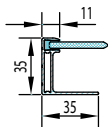
EOPPLY 125MB / 72 (190W-200W)

Monocrystalline Silicon Black Solar Module

ALL DIMENSIONS IN mm



Section A-A



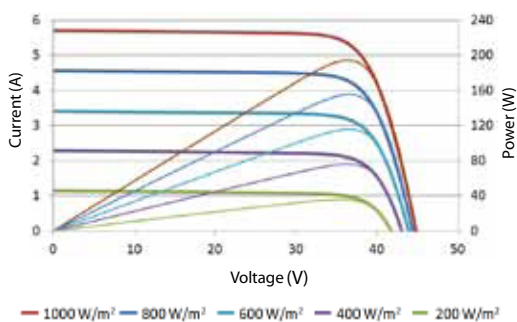
ELECTRICAL DATA @STC		EP125MB/72-190W	EP125MB/72-195W	EP125MB/72-200W
Rated Maximum Power	(Watts)	190	195	200
Power Output Tolerance-Pmax (%)		0/+3	0/+3	0/+3
Maximum Power Voltage	(V dc)	36.11	36.52	37.00
Maximum Power Current	(A dc)	5.325	5.383	5.451
Open Circuit Voltage	(V dc)	44.83	45.26	45.73
Short Circuit Current	(A dc)	5.749	5.814	5.859
Module Efficiency		14.88%	15.27%	15.67%
Values at Standard Test Conditions STC (Air Mass AM1.5, Irradiance 1000W/m ² , Cell Temperature 25°C)				

ELECTRICAL DATA @NOCT		EP125MB/72-190W	EP125MB/72-195W	EP125MB/72-200W
Maximum Power	(W)	138.9	142.0	145.7
Maximum Power Voltage	(V dc)	32.43	32.80	33.24
Maximum Power Current	(A dc)	4.283	4.330	4.385
Open Circuit Voltage	(V dc)	40.57	40.97	41.39
Short Circuit Current	(A dc)	4.660	4.712	4.749
Values at noct: Irradiance at 800W/m ² , Ambient Temperature 20°C, Wind Speed 1m/s.				

TEMPERATURE RATINGS	
Nominal Operating Cell Temperature (NOCT)	47±2°C
Short-circuit current temperature coefficient (%/°C)	0.06
Open-circuit Voltage temperature coefficient (%/°C)	-0.39
Peak power temperature coefficient (%/°C)	-0.44

MAXIMUM RATINGS	
Operational Temperature	-40~+85°C
Maximum System Voltage	1000V DC(IEC) 600V DC(UL)
Max Series Fuse Rating	10A

Current - Voltage curve at various light levels (125MB/72)



Ave. efficiency reduction of <4.5% at 200W/m² according to IEC 60904-1:2006

MECHANICAL DATA	
Solar Cells	Monocrystalline silicon solar cell 125x125mm
Cell Orientation	72 (6x12)
Module Dimension	1580 × 808 × 35mm
Weight	15kg
Glass	3.2mm tempered glass
Frame	Anodized aluminum alloy (black)
Junction Box	IP67

