

ECOSOLARGY ALPHA SERIES

MONOCRYSTALLINE MODULE
ALPHA SERIES
ECOXXA125M-72



POSITIVE TOLERANCE



TRANSPARENT &
ANTI-REFLECTIVE



CORROSION RESISTANT



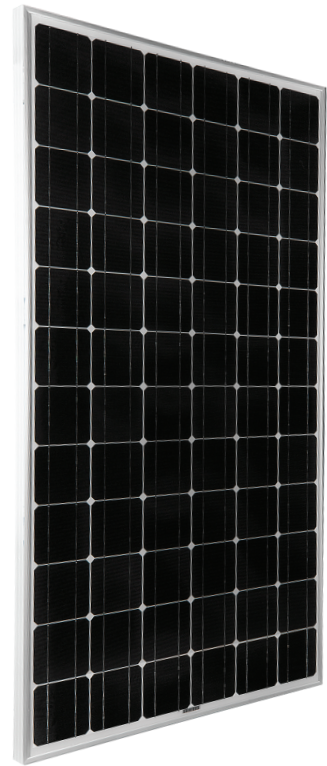
HIGH MODULE
CONVERSION EFFICIENCY



WITHSTANDS HIGH
WIND LOADS



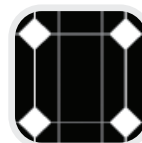
EXCELLENT PERFORMANCE
UNDER LOW LIGHT CONDITIONS



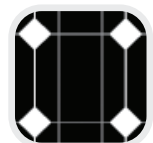
10 YEAR
WORKMANSHIP
GUARANTEE

+

25 YEAR
PERFORMANCE
GUARANTEE



ECO-(195)72M
Monocrystalline 195W

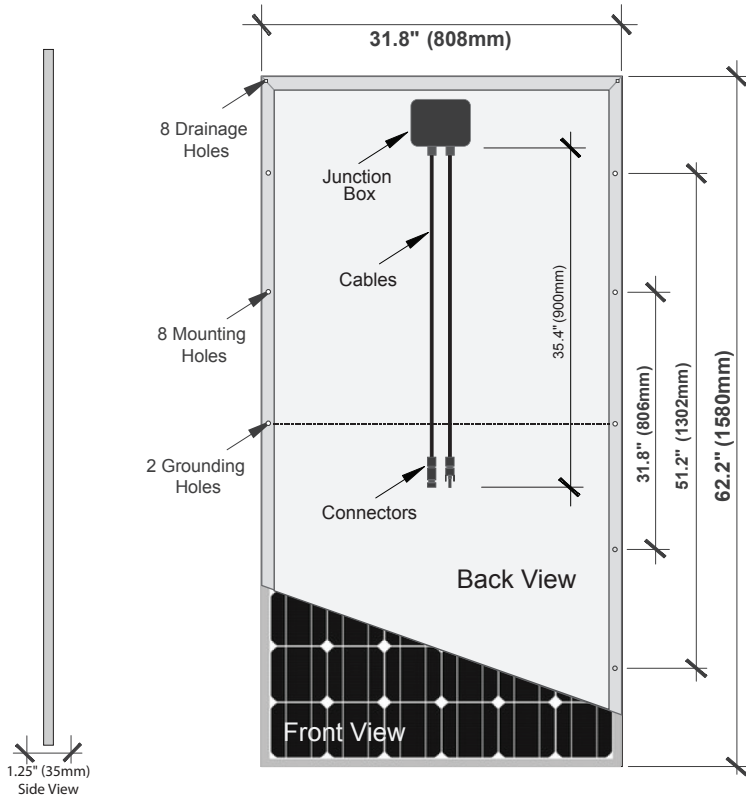


ECO-(200)72M
Monocrystalline 200W



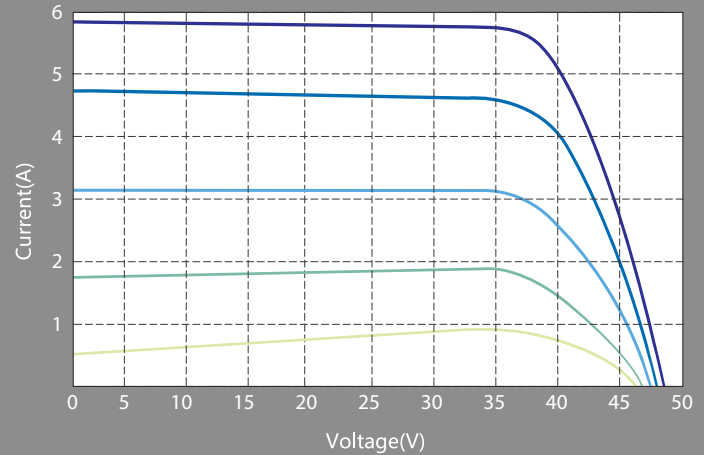
ALPHA SERIES ECO(XXX)A125M-72

DIMENSIONS OF PV MODULE ALPHA ECO(XXX)A125M-72



CURRENT-VOLTAGE & POWER-VOLTAGE CURVE

Efficiency	up to 15.40%
Wattage	up to 200W
Warranty	25 Years



Legend: STC IV Data, 800W/m² IV Data, 600W/m² IV Data, 400W/m² IV Data, 200W/m² IV Data

Values at Standard Test Conditions (STC) = Irradiance: 1000W/m²
Air Mass: 1.5, Module Temperature 77°F (25°C)

SPECIFICATIONS AND DATA

Panel Dimensions	62.2" x 31.8" x 1.38" (1580mm x 808mm x 35mm)
Weight	33.07 lbs (15kg)
Cells	72 x Monocrystalline 5"x 5" (125mm x 125mm)
Glass	1/8" (3.2mm) Tempered Glass
Frame	Anodized Aluminum Alloy; Color: Silver
Junction Box	IP Rated Junction Box with Bypass Diodes
Cable	4mm² solar cable (RHW AWG #12)
Connector	Multi-Contact (MC4) PV plug connectors
EVA	EVA
Backsheet	TPT
Modules per Pallet	26 Panels

TEMPERATURE COEFFICIENTS

Nominal Operating Cell Temperature (NOCT)	45 ± 2°C
Temperature Coefficient of ISC (α)	0.06%/°C
Temperature Coefficient of VOC (β)	-0.30%/°C
Temperature Coefficient of Pmax	-0.42%/°C

PERMISSIBLE OPERATING CONDITIONS

Operating Temperature	-40°F to +185°F (-40°C to +85°C)
Maximum Hail Diameter @ 43mph (80km/h)	Up to 1" (25mm)
Wind Impact	≤2400 Pa
Snow Impact	≤5400 Pa

ELECTRICAL DATA

Model	Pmax (0+3%)	Vmp	Imp	Voc	Isc	Max System Voltage	Standard Test Conditions
ECO195A156M-72	195W	37.10V	5.26A	45.22V	5.62A	1000V/DC 600V (UL)	Irradiance: 1000W/m² AM: 1.5 Temperature: 77°F (25°C)
ECO200A156M-72	200W	37.42V	5.34A	45.45V	5.72A		