

ECOSOLARGY APOLLO SERIES

MONOCRYSTALLINE MODULE APOLLO SERIES ECOXXA156M-60



POSITIVE TOLERANCE



TRANSPARENT &
ANTI-REFLECTIVE



CORROSION RESISTANT



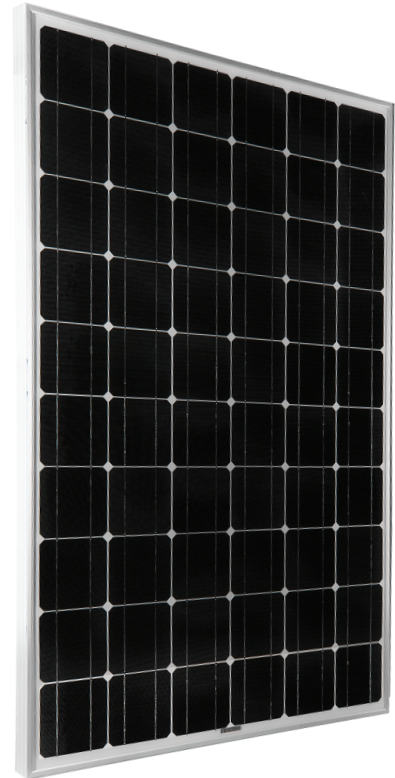
HIGH MODULE
CONVERSION EFFICIENCY



WITHSTANDS HIGH
WIND LOADS



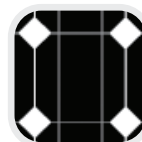
EXCELLENT PERFORMANCE
UNDER LOW LIGHT CONDITIONS



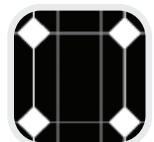
10 YEAR
WORKMANSHIP
GUARANTEE

+

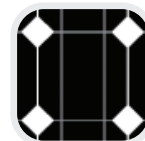
25 YEAR
PERFORMANCE
GUARANTEE



ECO-(240)60M
Monocrystalline 240W



ECO-(245)60M
Monocrystalline 245W

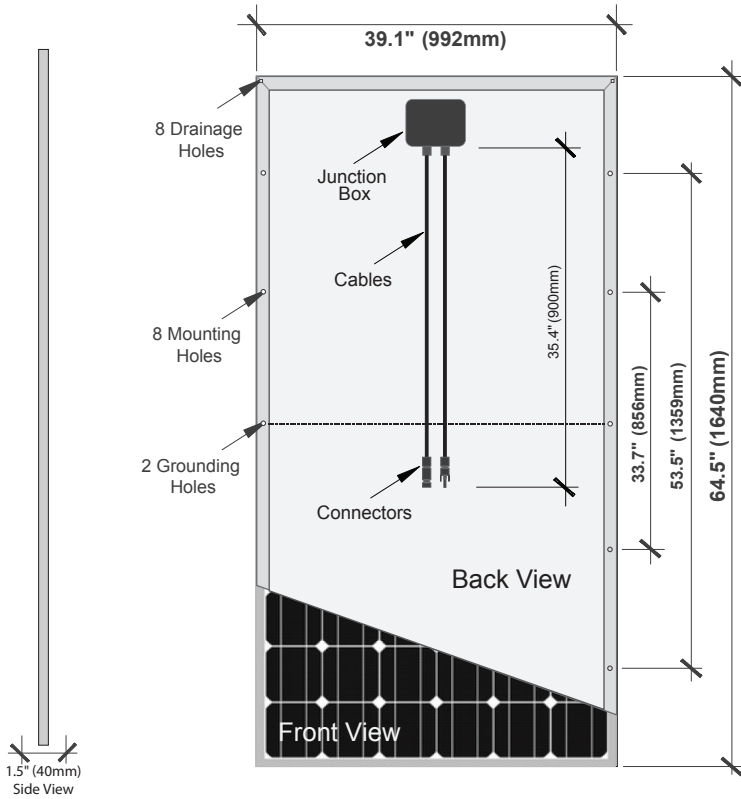


ECO-(250)60M
Monocrystalline 250W



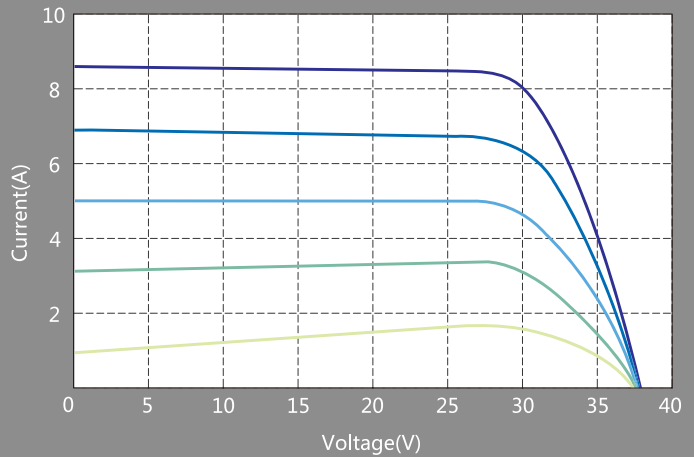
APOLLO SERIES ECO(XXX)A156M-60

DIMENSIONS OF PV MODULE APOLLO ECO(XXX)A156M-60



CURRENT-VOLTAGE & POWER-VOLTAGE CURVE

Efficiency	up to 15.40%
Wattage	up to 250W
Warranty	25 Years



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

SPECIFICATIONS AND DATA

Panel Dimensions	64.5" x 39.1" x 1.5" (1640mm x 992mm x 40mm)
Weight	40.79 lbs (18.5kg)
Cells	60 x Monocrystalline 6"x 6" (156mm x 156mm)
Glass	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	(MC4-Type) 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	Module Efficiency	Max System Voltage	Standard Test Conditions
ECO240A156M-60	240W	30.51V	7.87A	37.42V	8.39A	14.79%	1000V/DC 600V (UL)	Irradiance: 1000W/m² AM: 1.5 Temperature: 77°F (25°C)
ECO245A156M-60	245W	30.72V	7.97A	37.63V	8.50A	15.10%		
ECO250A156M-60	250W	30.94V	8.08A	37.84V	8.52A	15.40%		