

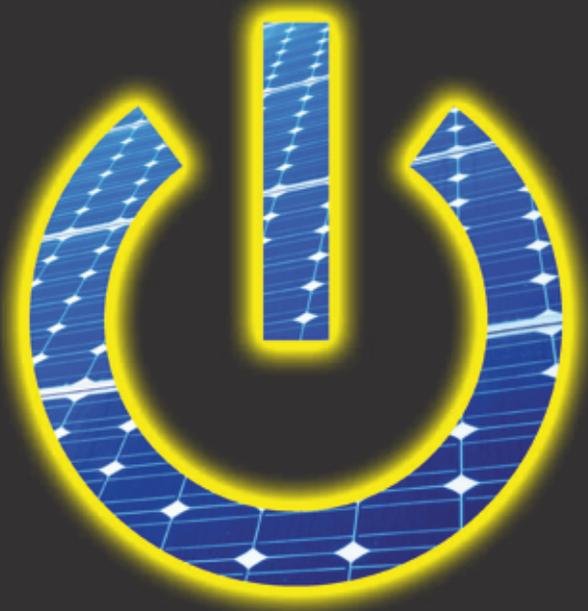
MONO-CRYSTALLINE MODULE
LOTUS SERIES
ECOXXS156M-60



+ **25** YEAR
PERFORMANCE
GUARANTEE



ECO-(250)60M
Mono-Crystalline 250W



turn **on** solar energy



**INCREASED MONO CELL
EFFICIENCY: 18.2%**



**EXCELLENT PERFORMANCE
UNDER LOW LIGHT CONDITIONS**



REPELS DIRT AND WATER



**MODULE GLASS MIT: "SELF-
CLEANING" AR SURFACE + WATTS:
+2~5%**



**BLACK ANODIZED ALUMINUM
FRAMES PROVIDE PROTECTION FROM
THE SEVEREST ENVIRONMENTAL
CONDITIONS**



**SAVINGS ON MODULE CLEANING:
NO CLEANING**

LOTUS SERIES MONO-CRYSTALLINE MODULE



ECO(XXX)S156M-60

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 Mono-Crystalline 6"x 6" (156mm x 156mm)
Glass	Tempered Glass
Frame	Anodized Aluminum Alloy; Color: Black
Junction Box	IP Rated Junction Box with Bypass Diodes
Cable	4mm ² solar cable (RHW AWG #12)
Connector	(MC4-Type) PV Plug Connectors
EVA	EVA
Backsheet	TPT
Modules per Pallet	26 Panels

Temperature Coefficients

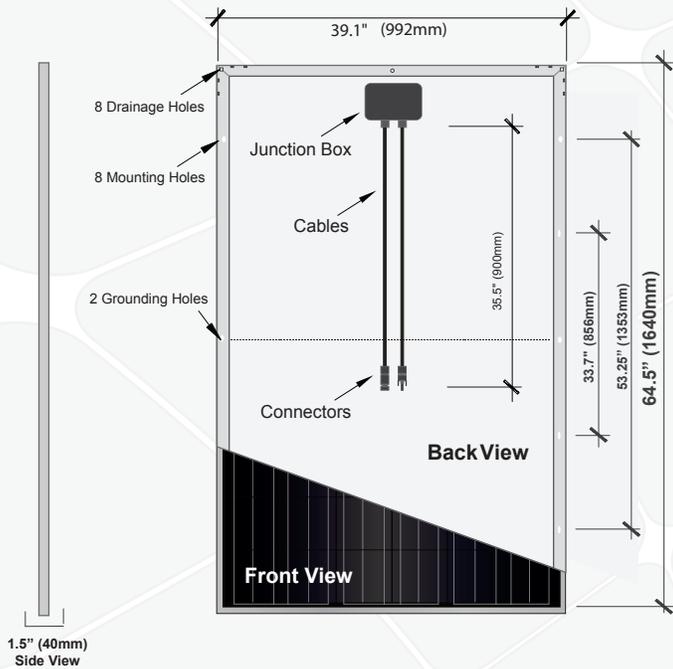
Nominal Operating Cell Temperature (NOCT)	45 ± 2°C
Temperature Coefficient of ISC (α)	0.06%/°C
Temperature Coefficient of VOC (β)	-0.30%/°C
Temperature Coefficient of Pmax	-0.42%/°C

Permissible Operating Conditions

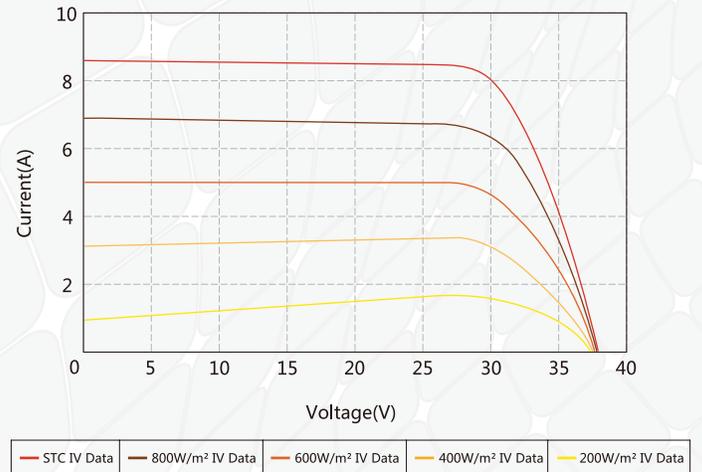
Operating Temperature	-40°F to +185°F (-40°C to +85°C)
Maximum Hail Diameter @ 43Mph (80km/h)	Up to 1" (25mm)
Wind Impact	≤2400 Pa
Snow Impact	≤5400 Pa

Electrical Data

Model	Pmax (0+3%)	Vmp	Imp	Voc	Isc	Module Efficiency	Max System Voltage	Standard Test Conditions
ECO250A156M-60	250W	31.01V	8.07A	37.80V	8.51A	15.40%	1000V/DC 600V (UL)	Irradiance: 1000W/m ² AM: 1.5 Temperature: 77°F (25°C)



Current-Voltage & Power-Voltage Curve



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



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CAUTION: READ INSTALLATION INSTRUCTIONS BEFORE HANDLING, INSTALLING, & OPERATING THIS PRODUCT
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