

ECOSOLARGY TITAN 1000

POLYCRYSTALLINE MODULE **TITAN 1000** ECOXXH156P-72



POSITIVE TOLERANCE



TRANSPARENT &
ANTI-REFLECTIVE



CORROSION RESISTANT



HIGH MODULE
CONVERSION EFFICIENCY



WITHSTANDS HIGH
WIND LOADS

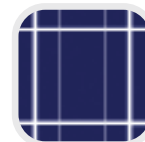


EXCELLENT PERFORMANCE
UNDER LOW LIGHT CONDITIONS

10 YEAR
WORKMANSHIP
GUARANTEE



25 YEAR
PERFORMANCE
GUARANTEE



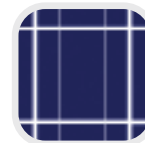
ECO-(300)72P
Polycrystalline 300W



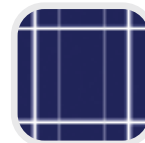
ECO-(305)72P
Polycrystalline 305W



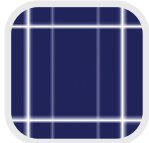
ECO-(310)72P
Polycrystalline 310W



ECO-(315)72P
Polycrystalline 315W



ECO-(320)72P
Polycrystalline 320W

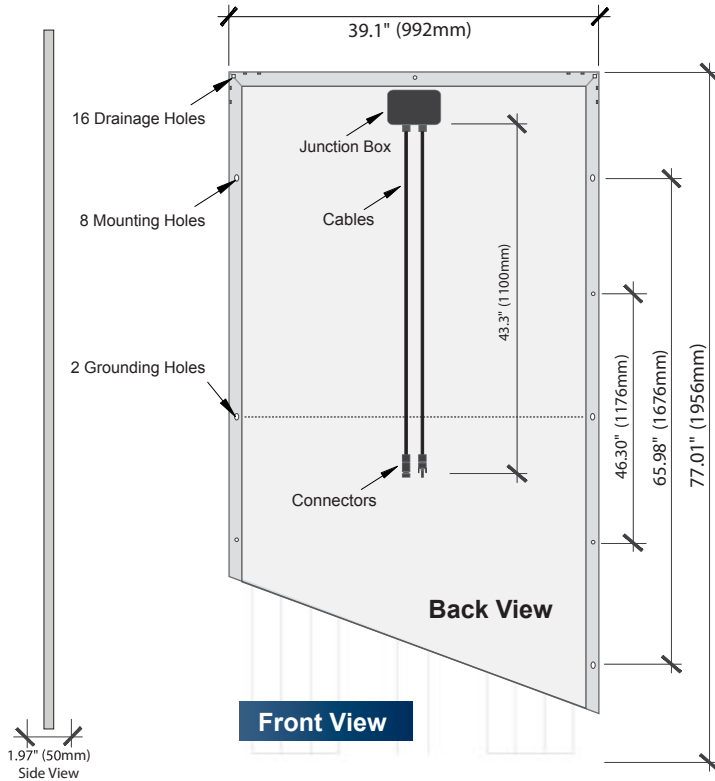


ECO-(325)72P
Polycrystalline 325W



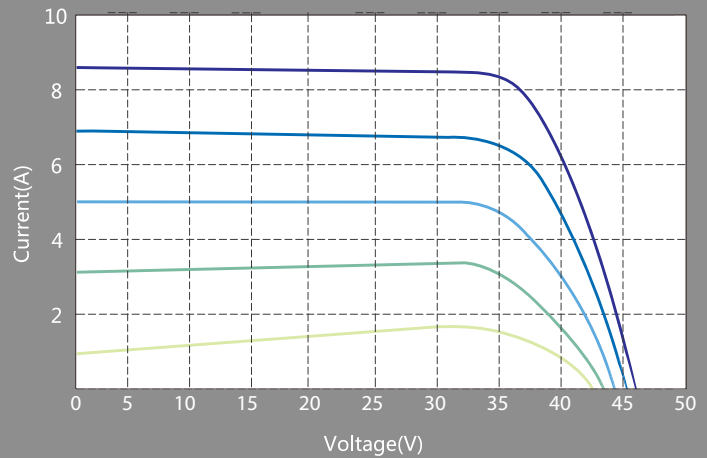
TITAN 1000 ECO(XXX)H156P-72

DIMENSIONS OF PV MODULE TITAN ECO(XXX)H156P-72



CURRENT-VOLTAGE & POWER-VOLTAGE CURVE

Efficiency	up to 15.50%
Wattage	up to 325W
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	77" x 39.1" x 1.97" (1956mm x 992mm x 50mm)
Weight	59.5 lbs (27kgs)
Cells	72 x Polycrystalline 6"x 6" (156mm x 156mm)
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	(MC4-Type) PV Plug Connectors
EVA	EVA
Backsheet	TPT
Modules per Pallet	21 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	-0.43%/°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+5V)	Vmp	Imp	Voc	Isc	Max System Voltage	Standard Test Conditions
ECO300H156P-72	300W	37.60V	7.98A	45.60V	8.68A	1000V	Irradiance: 1000W/m² AM: 1.5 Temperature: 77°F (25°C)
ECO305H156P-72	305W	38.00V	8.03A	45.80V	8.75A		
ECO310H156P-72	310W	38.40V	8.08A	46.00V	8.82A		
ECO315H156P-72	315W	38.80V	8.13A	46.20V	8.89A		
ECO320H156P-72	320W	39.10V	8.19A	46.40V	8.96A		
ECO325H156P-72	325W	39.50V	8.23A	46.60V	9.02A		