



# PU-P72 | Poly Crystalline Solar Module 305W / 310W / 315W



Guaranteed 0-+3%wp plus output tolerance ensures high return on investment



High cell efficiency (up to 16.2%) through superior manufacturing technology



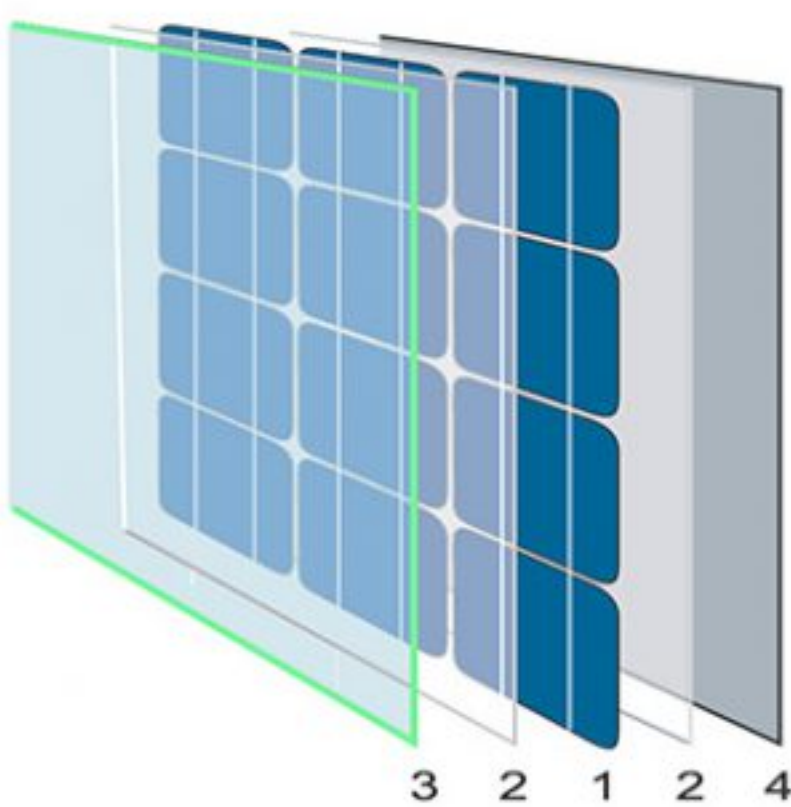
Module can bear snow loads up to 5400Pa and wind loads up to 2400Pa



Certified by the most reputable labs according to IEC:61215, IEC:61730-1/2 standards

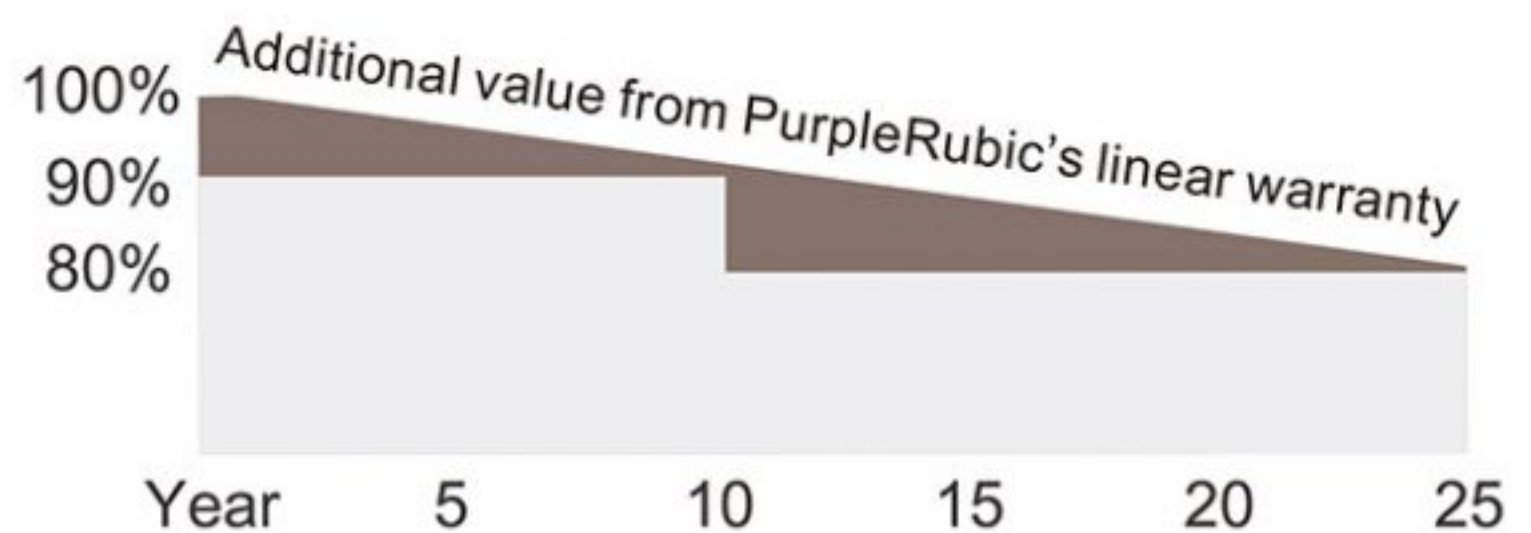


Manufactured and certified according to International Quality and Environment Management System (ISO9001, ISO14001, ISO18000)



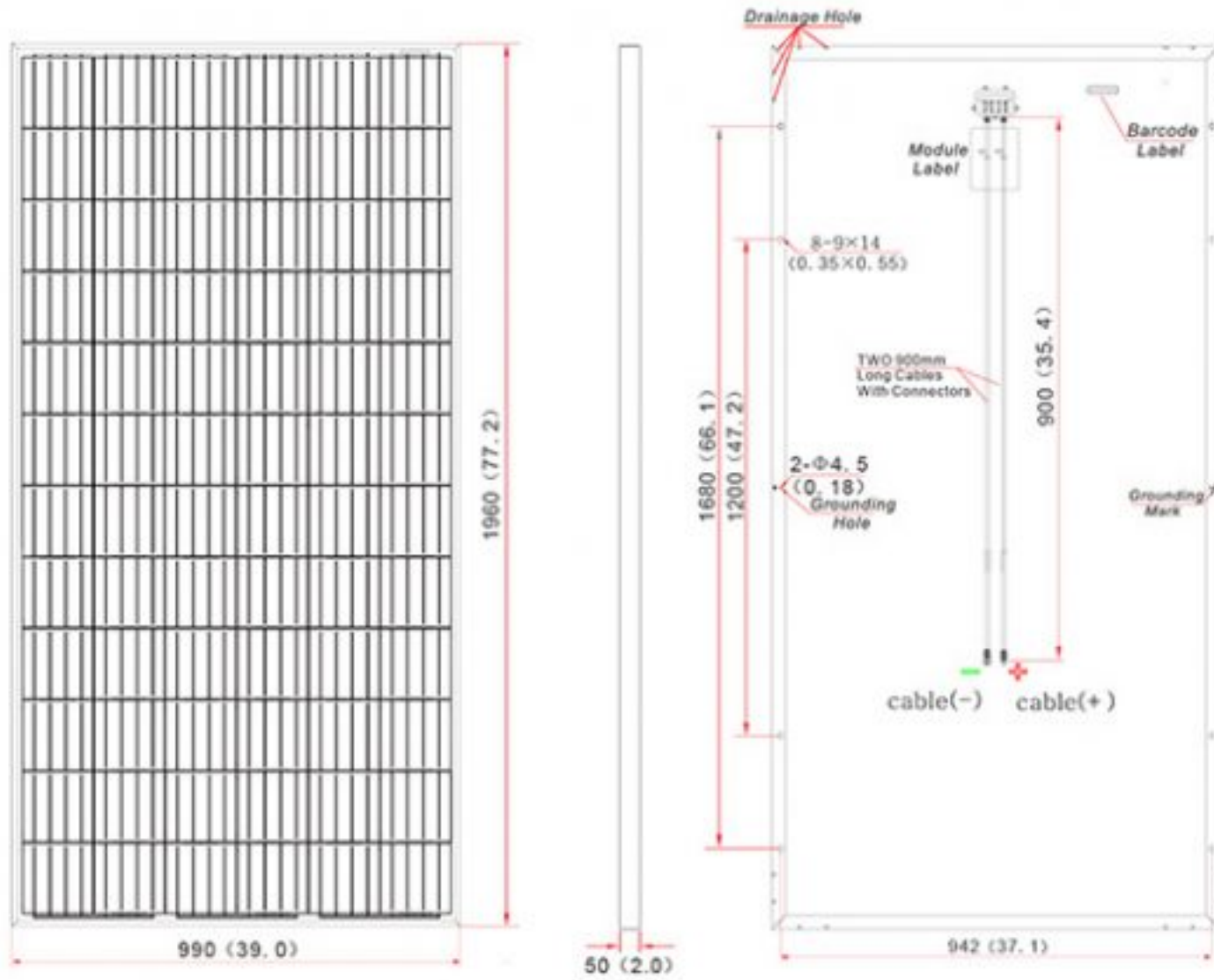
- 1 / Cells
- 2 / EVA
- 3 / Tempered Glass
- 4 / Tirple-layer Backsheet

## Guaranteed Power

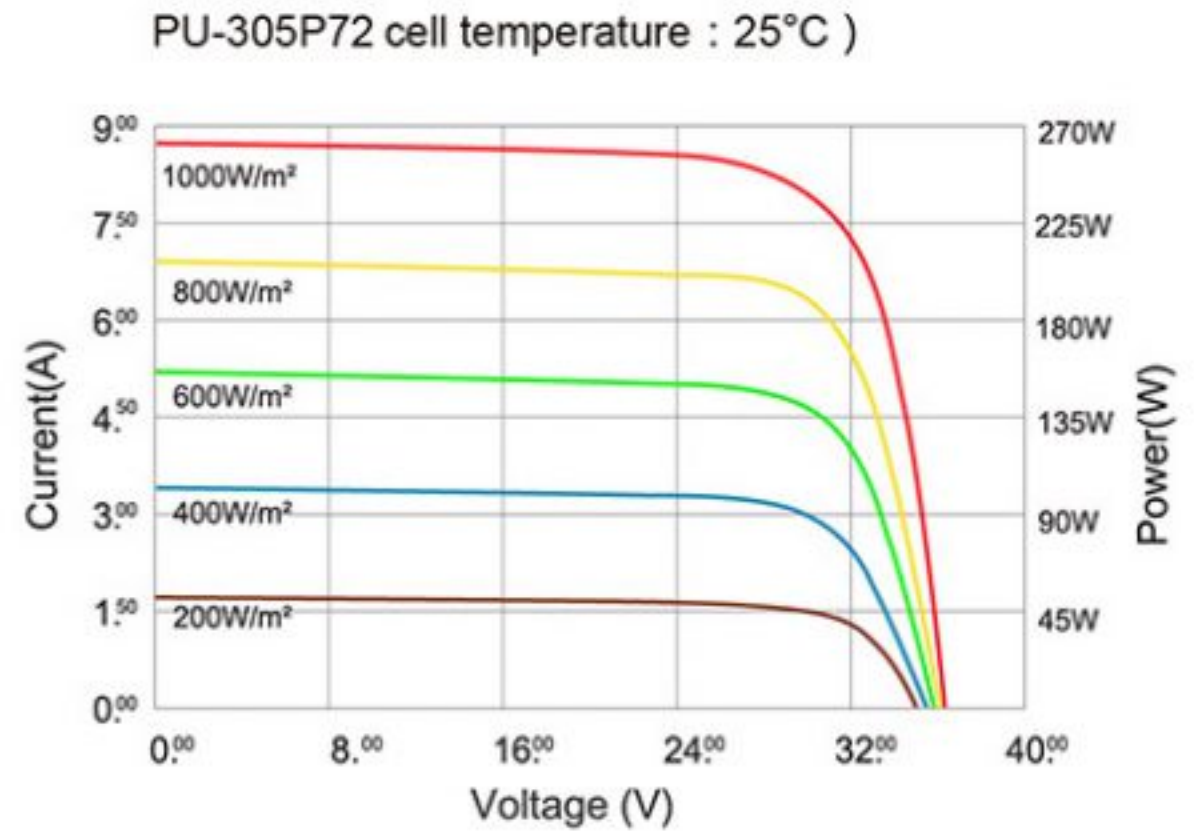




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## Current -Voltage & Power-Voltage Curve



## ELECTRICAL CHARACTERISTICS



Module Type	PU-305P72	PU-310P72	PU-315P72
Maximum Power at STC (Pmax)	305W	310W	315W
Maximum Power Voltage (Vmp)	36.2V	36.3V	36.4V
Maximum Power Current (Imp)	8.43A	8.55A	8.66A
Open Circuit Voltage (Voc)	45.1V	45.2V	45.3V
Short Circuit Current (Isc)	8.97A	9.07A	9.16A
Module Efficiency	15.7%	16.0%	16.2%
Maximum System Voltage	DC1000V (IEC)		
Operating Temperature	-40°C to +85°C		
Maximum Series Fuse Rating	15A		
Application Class	Class A		
Power Measurement Tolerance	0-+3%		

STC :Irradiation 1000W/m<sup>2</sup> Module Temperature 25°C, AM=1.5; Power Measurement Tolerance: 0-+3%

## PACKING CONFIGURATION



Container	20HC	40HC	
Pieces per pallet	20	20+4	
Pallets per container	11	11	
Pieces per container	440	484	

## TEMPERATURE RATINGS



Nominal Operating Cell Temperature	45°C ( ±2°C )
Temp. Coefficient (Pmax)	-0.42%/°C
Temp. Coefficient (Voc)	-0.32%/°C
Temp. Coefficient (Isc)	+0.058%/°C

NOCT: Irradiation 800W/m<sup>2</sup>, ambient temperature 20°C, wind speed 1m/s

## MECHANICAL DATA



Cell Type	Poly Crystalline, silicon 156mm*156mm
Cell Arrangement	72 cells in series (12*6)
Dimensions	1960*990*50 (77.2*39.0*2.0 in)
Weight	24.0kg
Front Cover	High Transparency Solar Glass 3.2mm
Frame Material	Anodized Aluminium Alloy
J-Box	IP67, 3 diodes
Cable	4 mm <sup>2</sup> (IEC) 900 mm
Connector	MC-4 Compatible
Per Pallet	20 pieces, 500kg
Per Container (40' HQ)	440 pieces