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# **EnergyPal**

## **Solar Panel Guide Specification Data Sheet**

**Solair World International Pte Ltd  
Poly-315W - 330W  
SAWI315P**

Also available on the web at  
[EnergyPal.com/solair-world-international-pte-ltd-solar-panels/sawi315p](http://EnergyPal.com/solair-world-international-pte-ltd-solar-panels/sawi315p)

## POLYCRYSTALLINE MODULE

SAWI315P(72)	315W
SAWI320P(72)	320W
SAWI325P(72)	325W
SAWI330P(72)	330W



High conversion efficiency  
High module efficiency to guarantee power output.



Self-cleaning glass  
Coating glass for self-cleaning, reduce surface dust.



Outstanding low irradiation performance  
Excellent module efficiency even in the weak light conditions, such as morning or cloudy.



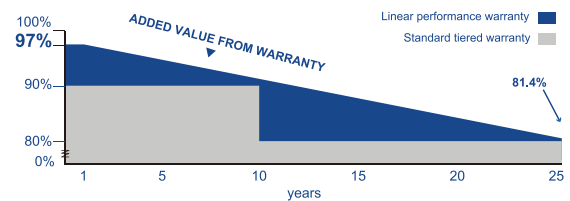
Excellent loading capability  
2400Pa wind loads, 5400Pa snow loads.



0 to +5W positive tolerance  
Detailed information in Electrical Specifications.



48-hour response service



25-year performance warranty



10-year warranty on materials and workmanship

## ELECTRICAL DATA

Model Type	SAWI315P(72)	SAWI320P(72)	SAWI325P(72)	SAWI330P(72)
Peak Power (Pmax)	315	320W	325W	330W
Module Efficiency	16.23%	16.49%	16.75%	17.01%
Maximum Power Voltage (Vmp)	37.4V	37.6V	37.8V	37.9V
Maximum Power Current (Imp)	8.42A	8.51A	8.60A	8.71A
Open Circuit Voltage (Voc)	45.8	46.0V	46.3V	46.5V
Short Circuit Current (Isc)	8.83A	8.92A	9.03A	9.12A
Power Tolerance			0 to +5W	
Maximum System Voltage			1000V	
Nominal Operating Cell			44.4±2°C	
Temperature Maximum Series Fuse			15A	
Rating				

## MECHANICAL DATA

Cell Type	156×156mm
Number of Cells	72 (12×6)
Weight	22kg
Dimension	1956×992×40mm
Max Load	5400 Pascals
Junction Box	IP67 rated MC4
Connector	Compatible PV
Wire Type	Wire

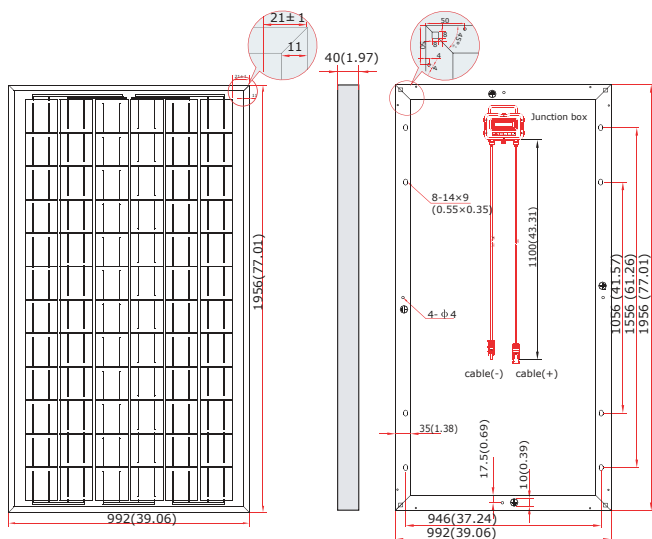
## TEMPERATURE CHARACTERISTICS

Temp. Coeff. of Isc (TK Isc)	0.04% /°C
Temp. Coeff. of Voc (TK Voc)	-0.34% /°C
Temp. Coeff. of Pmax (TK Pmax)	-0.44% /°C

## PACKING MANNER

Container	20' GP	40' GP
Pieces per Pallet	26	26
Pieces per Container	312	624

## PHYSICAL CHARACTERISTICS

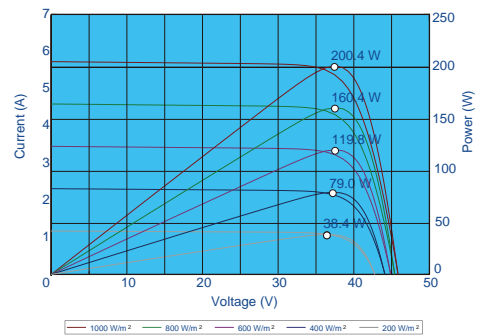


Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000W/m<sup>2</sup> solar irradiance, 1.5 Air Mass, and cell temperature of 25°C. The NOCT is obtained under the Test Conditions: 800W/m<sup>2</sup>, 20°C ambient temperature, 1m/s wind speed, AM 1.5 spectrum.

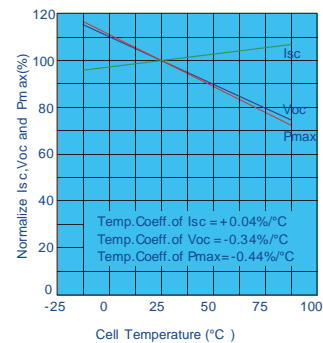
Please contact support@jusolar.com for technical support. The actual transactions will be subject to the contracts. This parameters isfor reference only and it is not a part of the contracts. The specifications are subject to change without prior notice.

## ELECTRICAL CHARACTERISTICS

Current-Voltage & Power-Voltage Curve (AM1.5, Cell Temperature 25°C)



Temperature Dependence of Isc, Voc and Pmax



Irradiance Dependence of Isc, Voc and Pmax (Cell Temperature: 25°C)

