

SK6612P-315/320/325 Poly Module

Akcome Optronics applies rigorous design and advanced technology to constantly improve the power output of our solar modules. Akcome also ensures high product reliability and achieves zero defect product by using fully automatic manufacturing equipment with strict quality inspection standards.

Product Features

- ◆ **High Conversion Efficiency**
Output efficiency up to 16.7%, and 0~3% positive power tolerance
- ◆ **Excellent Low-irradiance and Temperature Stability**
Excellent low-irradiance and temperature stability provide high profits for customers
- ◆ **Anti-PID Design**
Products satisfy IEC62804 tests by anti-PID cell and module technology, and are suitable for extremely hot and humid environments.
- ◆ **Harsh Environment Adaptability**
Provide resistance to harsh environmental factors, and tested resistance to salt spray, ammonia, dust and sand. Products can be used in environments including seaside, farm and deserts.
- ◆ **Excellent Mechanical Durability**
Strong mechanical durability of 5400Pa snow load and 2400Pa wind load



Product Certification

IEC 61215 / IEC61730

Certification requirements vary in different markets, please consult with Akcome Optronics sales team for appropriate certification.



Company Profile

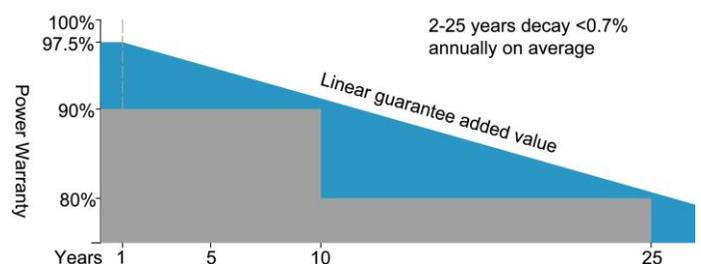
Akcome Optronics is a leading supplier which focuses on providing service for solar cells and PV modules. Its products are used in residential, commercial and ground solar power systems. The two main plants are located in Suzhou and Ganzhou of total annual capacity 1.4 GW.

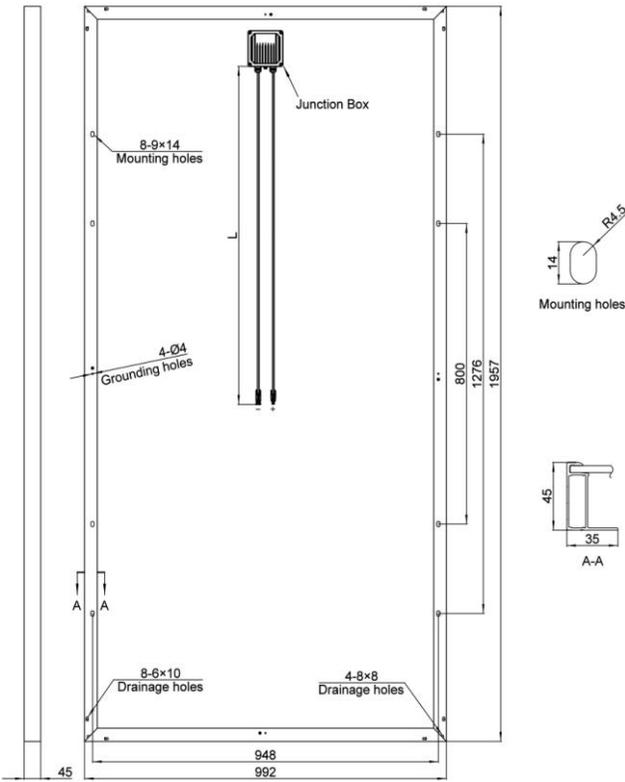
Akcome Optronics was established on November 5th, 2010, and became wholly-owned subsidiary of Jiangsu Akcome Solar Science & Technology Co., Ltd (002610) in September 2016.

Address : Economic Development Zone, Zhangjiagang, Jiangsu, China
Tel : 400-101-7000
Web : <http://www.akcome.com>

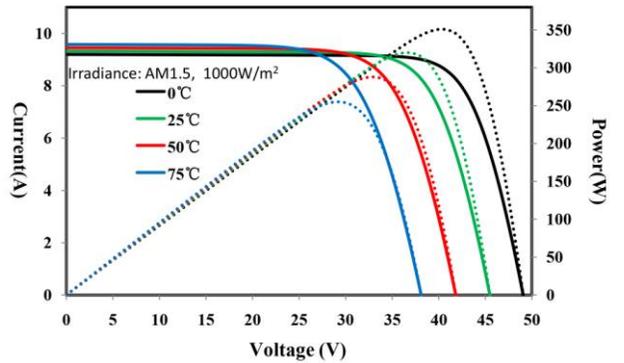
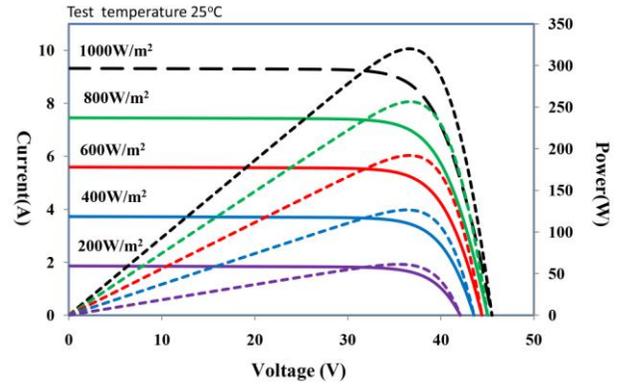
Power Guarantee

Product quality assurance for 10 years
Linear power guarantee for 25 years





Backside



I-V Curve

Mechanical Parameters	
Cell Type	156.75×156.75 mm Poly
Number of Cells	72pcs (6×12)
Dimensions (L*W*H)	1957×992×45 mm
Weight	21.5 kg
Frame	Anodised Aluminum
Junction Box	IP67, with three bypass diodes
Cable, length	4.0 mm ² , 900 mm

Working Condition	
Maximum System Voltage (V)	1000 (DC)
Operating Temp (°C)	-40~+85
Max. Wind Load/ Snow Load (pa)	2400/5400
Max. Over Current (A)	15
Application Class	Class A
Fire rating	Class C
NOCT (°C)	47±2

Electrical Parameters (STC)			
Module Series	SK6612P		
Power Range Pmp (W)	325	320	315
Max. Power Voltage Vmp (V)	36.9	36.7	36.7
Max. Power Current Imp (A)	8.81	8.72	8.58
Open Circuit Voltage Voc (V)	45.7	45.5	45.5
Short Circuit Current Isc (A)	9.36	9.32	9.17
Module Efficiency (%)	16.7	16.5	16.2
Power Tolerance	0~+3%		
Temperature Coefficients of Pmp	-0.40%/°C		
Temperature Coefficients of Voc	-0.31%/°C		
Temperature Coefficients of Isc	+0.055%/°C		

STC : incident sunlight of 1000 W/m² a cell temperature of 25 °C and an AM of 1.5 (AM = Air Mass)

Package Information	
Truck 9.6m/13m/17.5m	432 / 576 / 1164pcs
Container 20'GP/40'GP/40'HQ	230 / 506 / 550pcs