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# **EnergyPal**

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

**Jiangsu Aoxuan Photoelectric Technology Co., Ltd.**

**AX-6P-300/310/320/330W**

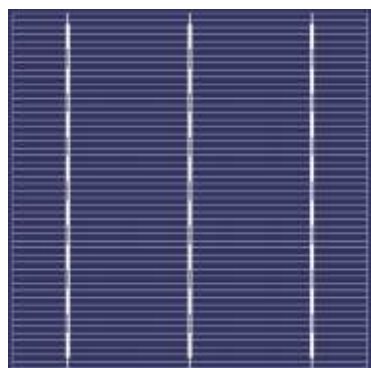
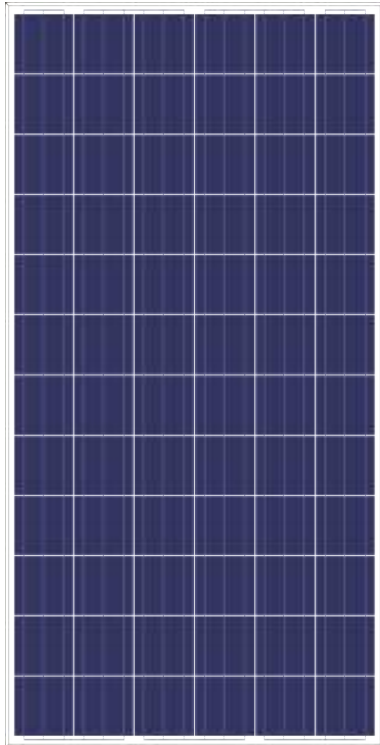
**AX-6P-330W**

Also available on the web at

[EnergyPal.com/jiangsu-aoxuan-photoelectric-technology-co-ltd-solar-panels/ax-6p-330w](http://EnergyPal.com/jiangsu-aoxuan-photoelectric-technology-co-ltd-solar-panels/ax-6p-330w)

# AX-6P300 AX-6P310 AX-6P320 AX-6P330

## POLYCRYSTALLINE SILICON MODULE



Add: No.215 Jincheng Road, Jincheng Town, Jintan District, Changzhou City, Jiangsu, China.

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### Products Characteristics



Widely using of the most popular and mature type of modules for on-grid system.



Leading manufacturing technology in PV industry, strictly controlling the quality of raw materials and the process of producing



100% EL inspection, ensures modules are defects free.



Cells binned by current to improve module performance



Anti reflective glass. Not only to increase the light absorption, but also to make the module has the function of self-cleaning in water environment, effectively reducing the power loss caused by dust.



Outstanding performance in low-light irradiance environments.



Excellent mechanical load resistance: Certified to withstand high wind loads(2400pa) and snow loads(5400pa).



High salt and ammonia resistance



Positive power tolerance: 0~+5w

### Warranty

- 5 years product warranty
- 10-years 90% of Min. rated output power, and 25-years 80% of Min. rated output power warranty

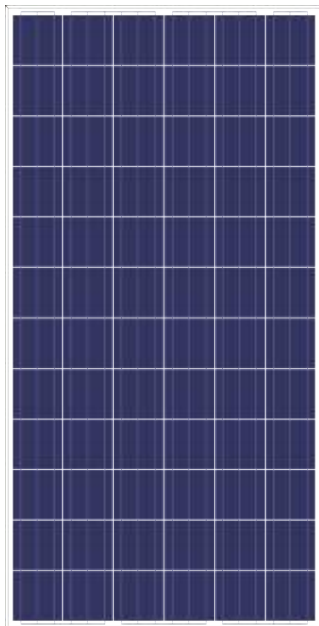
### Comprehensive Certificates

- ISO 9001:2008: Quality management systems
- IEC61215、IEC61730
- CQC Certificate
- CE Certificate
- SGS-TUV Certificate

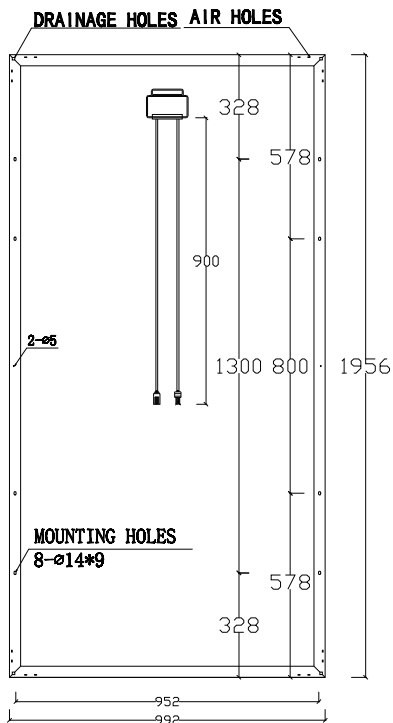


Specifications subject to technology and test conditions, Aoxuan Solar reserves the right of final interpretation

▼ Engineering Drawings (Front Side)



▼ Engineering Drawings (Back Side)



## Raw materials and Mechanical Parameters

	AX-6P300	AX-6P310	AX-6P320	AX-6P330
Type of Cells(mm)	poly156 × 156			
NO. of Cells and Connections	6 × 12=72			
Dimensions(mm)(L*W*H)	1956 × 992 × 40			
Weight(kg)	22.0			
Glass	3.2mm Tempered Glass			
Encapsulation	EVA			
Backsheet	Multilayer Composite			
Aluminium-Frame	Silvery/Black Anodized aluminium alloy			
Junction-Box	IP65/IP67			
Cable	4mm <sup>2</sup> , 900mm			
Connector	MC4 and MC4 Compatible			
Package Configuration	25pcs/pallet			

## Performance Parameters

	AX-6P300	AX-6P310	AX-6P320	AX-6P330
Maximum System Voltage	1000V			
Operating Temperature	-45~+80℃			
Maximum Series Fuse	10A			
Maximum Static Load, Front Side (e.x. Snow, Wind)	5400PA			
Maximum Static Load, Back Side (e.x. Wind)	2400PA			
Application Grade	Class A			

## Electrical Parameters (Standard Test Condition)

	AX-6P300	AX-6P310	AX-6P320	AX-6P330
Rated Maximum Power(Mp)	300W	310W	320W	330W
Power Tolerance	0~+5W			
Cell Efficiency	17.20%	17.80%	18.60%	19.00%
Open Circuit Voltage(Voc)	45.6V	45.8V	45.8V	45.9V
Maximum Power Voltage(Vmp)	36.4V	36.5V	36.5V	36.6V
Short Circuit Current(Isc)	8.71A	8.98A	9.38A	9.08A
Maximum Power Current(Imp)	8.24A	8.50A	8.77A	8.61A
Temperature Coefficient of Isc	+0.06%			
Temperature Coefficient of Voc	-0.33%			
Temperature Coefficient of Pmp	-0.45%			
Standard Test Condition	Irradiance:1000W/M2, Cell Temperature:25℃, Spectrum AM:1.5			

The Electrical Parameters of the module are the average theory figure under the standard test condition, each one exists difference. Can not be treated as the basis of module delivery.

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