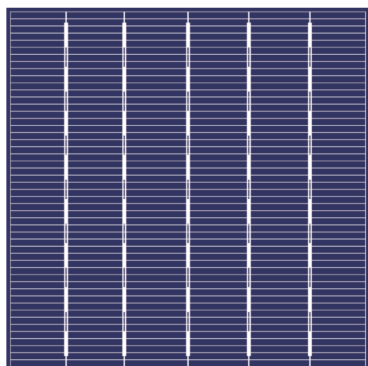
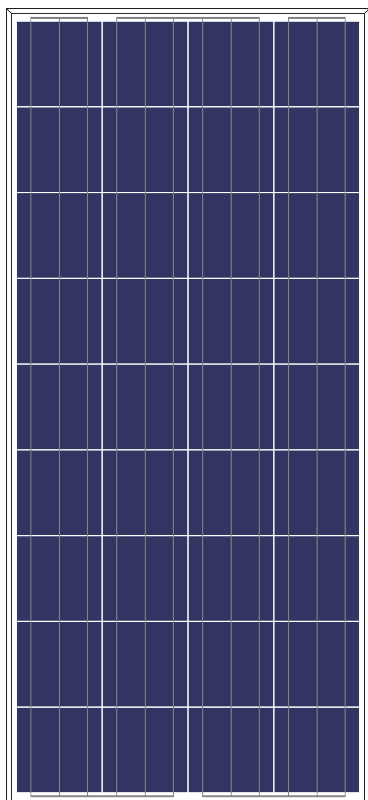


AX-6P140 AX-6P150 AX-6P160 AX-6P170

POLYCRYSTALLINE SILICON MODULE



Products Characteristics



Widely using of the most popular and mature type of modules for off-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



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

Tel: +86-519-82550600

Fax: +86-519-82550600

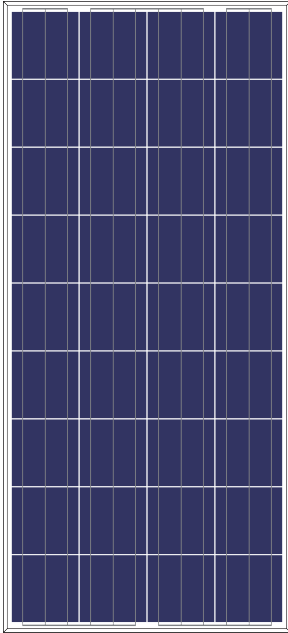
E-mail: sales@aoxuanpv.com

Web: www.aoxuanpv.com

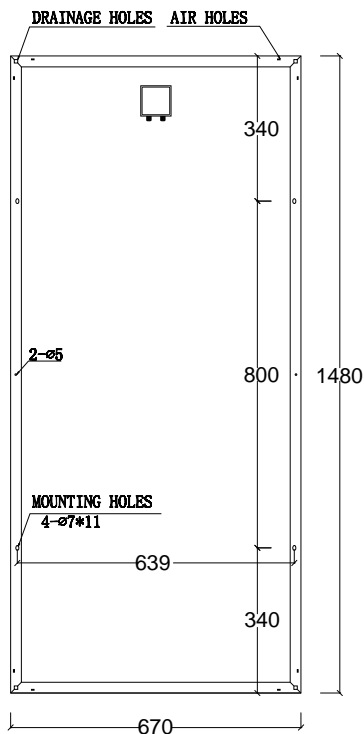
Specifications subject to technology and test conditions, Aoxuan Solar reserves the right of final interpretation

AX-6P140 AX-6P150 AX-6P160 AX-6P170

▼ Engineering Drawings (Front Side)



▼ Engineering Drawings (Back Side)



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Raw materials and Mechanical Parameters

	AX-6P140	AX-6P150	AX-6P160	AX-6P170
Type of Cells(mm)	poly156.75×156.75			
NO. of Cells and Connections	4×9=36			
Dimensions(mm)(L*W*H)	1480×670×35			
Weight(kg)	11.0			
Glass	3.2mm Tempered Glass			
Encapsulation	EVA			
Backsheet	Multilayer Composite			
Aluminium-Frame	Silvery/Black Anodized aluminium alloy			
Junction-Box	IP65/IP67			
Cable	NA, but customized is acceptable			
Connector	NA, but MC4 and MC4 Compatible are acceptable			
Package Configuration	4pcs/ctn			

Performance Parameters

	AX-6P140	AX-6P150	AX-6P160	AX-6P170
Maximum System Voltage	700V			
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-6P140	AX-6P150	AX-6P160	AX-6P170
Rated Maximum Power(Mp)	140W	150W	160W	170W
Power Tolerance	0~ +5W			
Cell Efficiency	16.00%	17.20%	18.20%	19.20%
Open Circuit Voltage(Voc)	22.4V	22.6V	22.8V	23.6V
Maximum Power Voltage(Vmp)	17.4V	17.6V	17.8V	18.6V
Short Circuit Current(Isc)	8.59A	9.01A	9.73A	9.78A
Maximum Power Current(Imp)	8.05A	8.53A	9.10A	9.14A
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.