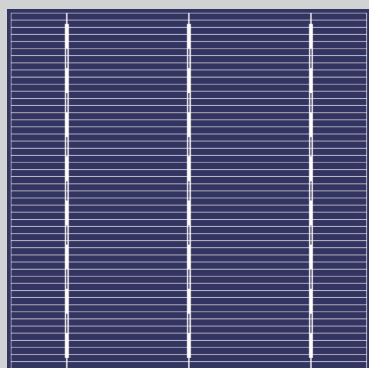
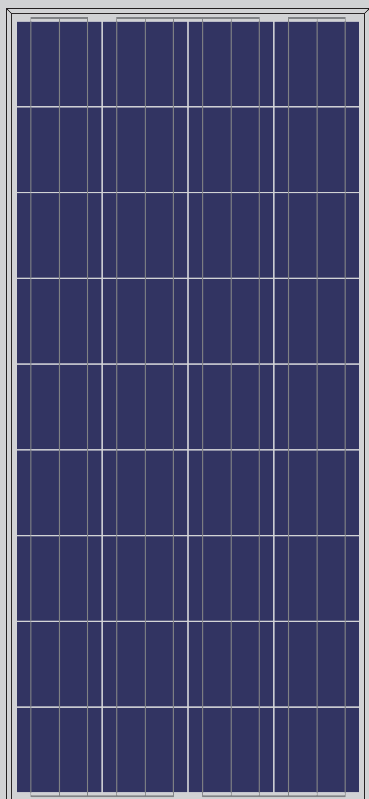


**POLYCRYSTALLINE
SILICON MODULE**



EC SOLAR

**P6-130 P6-135 P6-140
P6-145 P6-150**
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

5 years
products
warranty

25 year
power output
warranty

Add: Industrial Park C, Guanlin Town,
Yixing 214251, Jiangsu Province,
China

Tel:+86-25-86592702

Fax:+86-25-86592703

Email: sales@ecsolar.com

Web: www.ecsolar.com

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



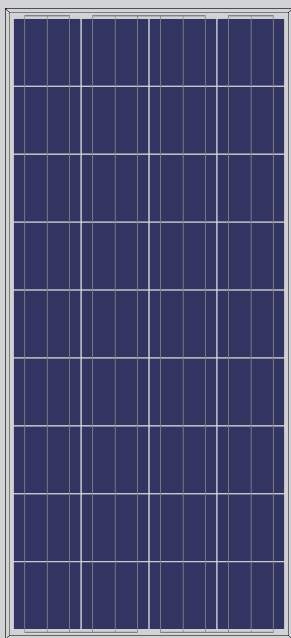
Specifications subject to technology and test conditions, ECSOLAR Solar reserves the right of final interpretation

P6-130 P6-135 P6-140 P6-145

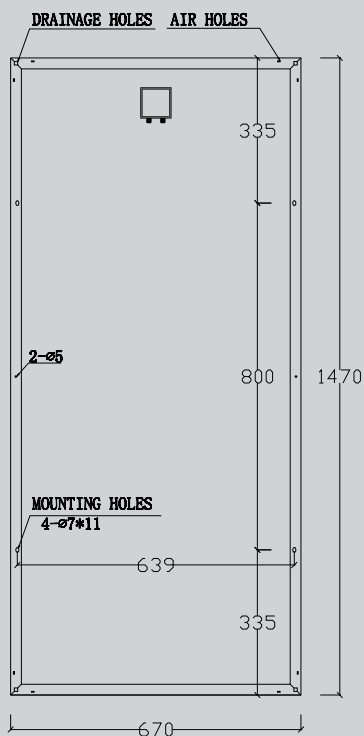
P6-150



▼ Engineering Drawings (Front Side)



▼ Engineering Drawings (Back Side)



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Raw materials and Mechanical Parameters

	P6-130	P6-135	P6-140	P6-145	P6-150
Type of Cells(mm)	poly156 × 156				
NO. of Cells and Connections	4 × 9=36				
Dimensions(mm)(L*W*H)	1470 × 670 × 30				
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

	P6-130	P6-135	P6-140	P6-145	P6-150
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)

	P6-130	P6-135	P6-140	P6-145	P6-150
Rated Maximum Power(Mp)	130W	135W	140W	145W	150W
Power Tolerance	0- +5W				
Cell Efficiency	14.90%	15.50%	16.00%	16.60%	17.20%
Open Circuit Voltage(Voc)	22.1V	22.3V	22.4V	22.5V	22.6V
Maximum Power Voltage(Vmp)	17.2V	17.3V	17.4V	17.5V	17.6V
Short Circuit Current(Isc)	8.01A	8.36A	8.59A	8.76A	9.01A
Maximum Power Current(Imp)	7.56A	7.81A	8.05A	8.29A	8.53A
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.