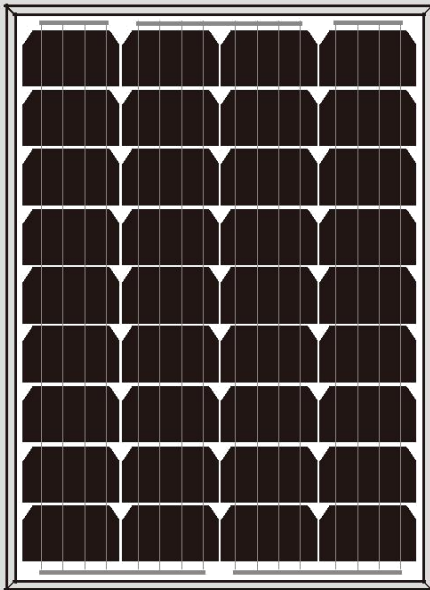


MONOCRYSTALLINE
MODULE



6M-95 6M-100

MONOCRYSTALLINE 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



1 years
products
warranty

1 year
power output
warranty

Add:Industrial Park C, Guanlin Town, Yixing
214251, China
Tel:+86-25 8659 2702
Fax:+86-25 8659 2703
Email:sales@ecsolar.com
Web:www.ecsolar.com

Warranty

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

Comprehensive Certificates

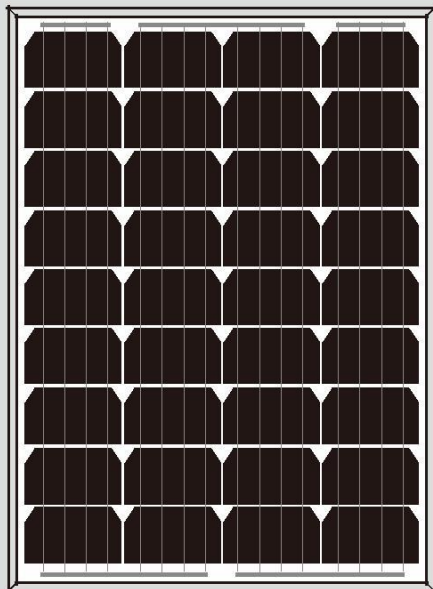
- ISO Certificate
- SGS-TUV Certificate
- CQC Certificate
- IEC61215、IEC61730 Certificate
- CE Certificate

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

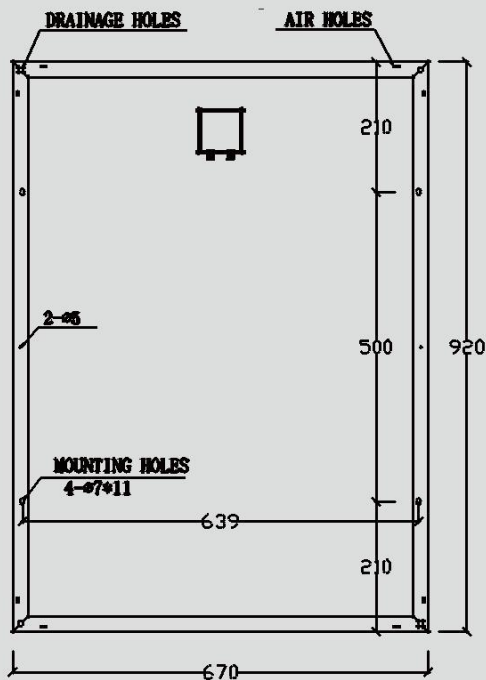
6M-95 6M-100



Engineering Drawings (Front Side)



Engineering Drawings (Back Side)



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

Raw materials and Mechanical Parameters

	6M-95	6M-100
Type of Cells(mm)	mono156x93.6	
NO. of Cells and Connections	4x9=36	
Dimensions(mm)(L*W*H)	920x670x30	
Weight(kg)	6.9	
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

	6M-95	6M-100
Maximum System Voltage	700V	
Operating Temperature	-45~+80°C	
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)

	6M-95	6M-100
Rated Maximum Power(Mp)	95W	100W
Power Tolerance	0- +5W	
Cell Efficiency	18.4%	19.3%
Open Circuit Voltage(Voc)	22.5V	23.0V
Maximum Power Voltage(Vmp)	18.4V	18.8V
Short Circuit Current(Isc)	5.47A	5.64A
Maximum Power Current(Imp)	5.16A	5.32A
Temperature Coefficient of Isc	+0.06%	
Temperature Coefficient of Voc	-0.32%	
Temperature Coefficient of Pmp	-0.45%	
Standard Test Condition	Irradiance:1000W/M2, Cell Temperature:25°C, 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.