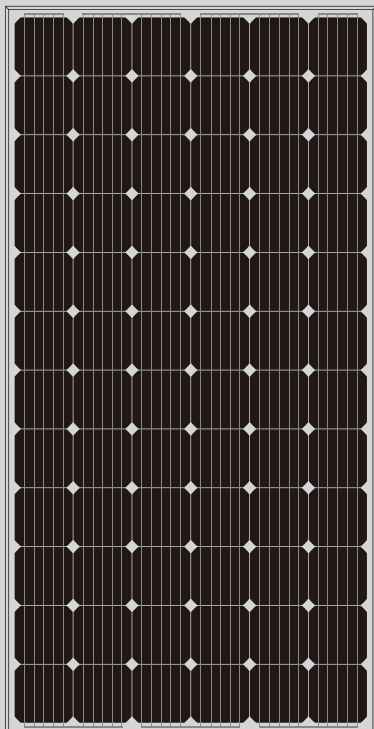


Solar Panel Energy (Pty) Ltd
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**MONOCRYSTALLINE
SILICON MODULE**



10 years
products
warranty

25 year
power output
warranty

Address: Floor 17-18th, No.4 Building Zhuyu
International Commercial. Center,
No.9 Shouti South Road, Haidian
District, Beijing 100048, China

Tel: +86-10-68796522
Fax: +86-10-68796522
E-mail: sales@cnbmsolar.com
Website: www.cnbmsolar.com

6M-340

6M-370

MONOCRYSTALLINE SILICON MODULE

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

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

Comprehensive Certificates

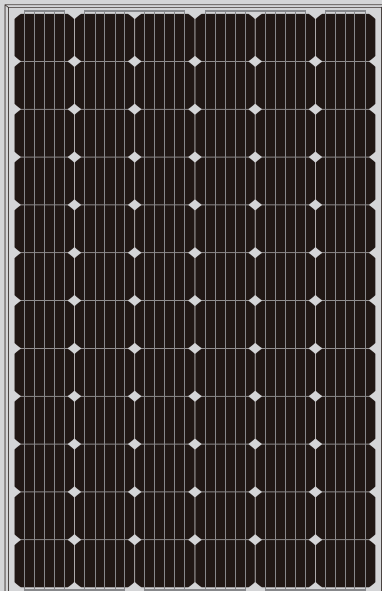
- IEC61215、IEC61730 Certificate
 - SGS-TUV Certificate
 - CE Certificate
- Specifications subject to technology and test conditions,



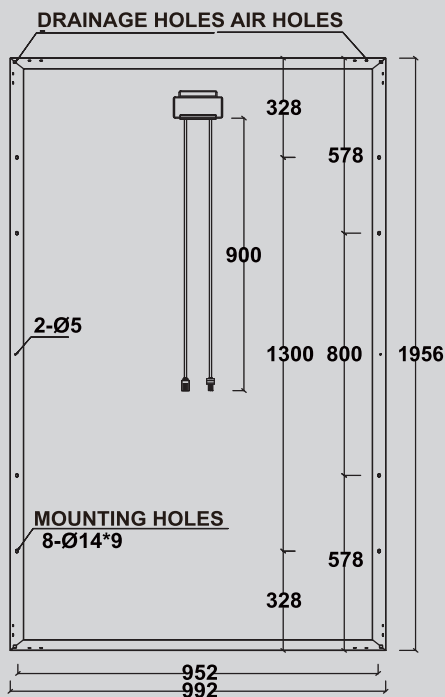
6M-340

6M-370

Engineering Drawings (Front Side)



Engineering Drawings (Back Side)



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Raw materials and Mechanical Parameters

	6M-340	6M-370
Type of Cells(mm)	mono156.75 × 156.75	
NO. of Cells and Connections	6 × 12=72	
Dimensions(mm)(L*W*H)	1956 × 992 × 40	
Weight(kg)	23.2	
Glass	3.2mm Tempered Glass	
Encapsulation	EVA	
Backsheet	Multilayer Composite	
Aluminium-Frame	Silvery/Black Anodized aluminium alloy	
Junction-Box	IP65/IP67	
Cable	4mm ² ,900mm	
Connector	MC4 and MC4 Compatible	
Package Configuration	26pcs/pallet	
40GP	624pcs	
40HQ	696pcs	

Performance Parameters

	6M-340	6M-370
Maximum System Voltage	1000V	
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-340	6M-370
Rated Maximum Power(Mp)	340W	370W
Power Tolerance	0- +5W	
Module Efficiency	17.52%	19.1%
Open Circuit Voltage(Voc)	47.8V	48.7V
Maximum Power Voltage(Vmp)	38.8V	39.4V
Short Circuit Current(Isc)	9.29A	9.91A
Maximum Power Current(Imp)	8.76A	9.40A
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.