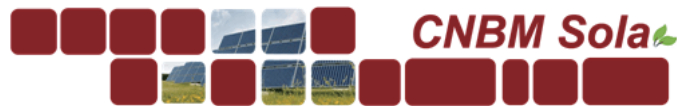
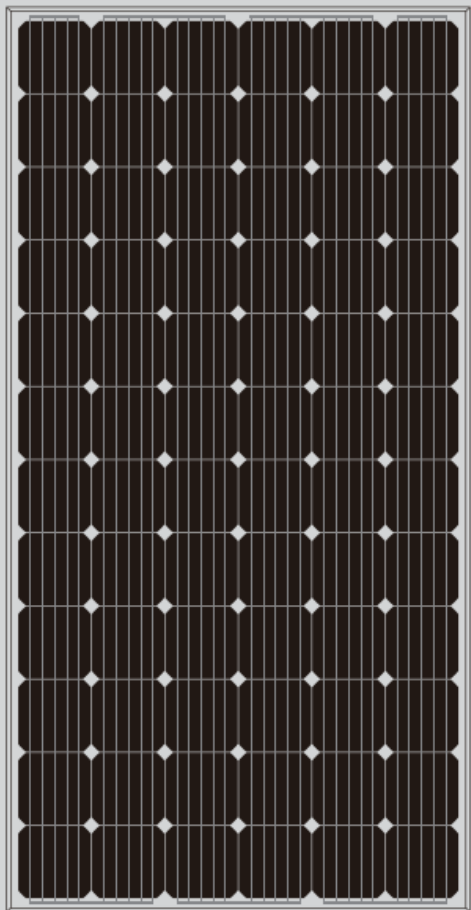


## HALT-CUT MONOCRYSTALLINE SILICON MODULE



**6M-375**

**6M-380**

**6M-385**

**6M-390**

## HALT-CUT 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

**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

### 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

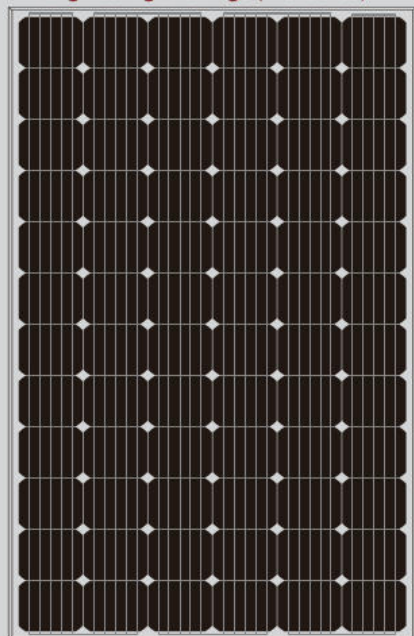
Specifications subject to technology and test conditions,

**6M-375**  
**6M-385**

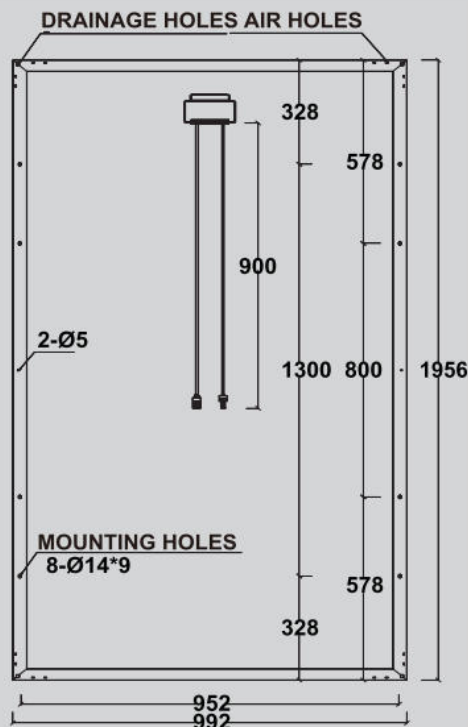
**6M-380**  
**6M-390**



Engineering Drawings (Front Side)



Engineering Drawings (Back Side)



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## Raw materials and Mechanical Parameters

	6M-375	6M-380	6M-385	6M-390
Type of Cells(mm)	mono156 × 156			
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 <sup>2</sup> ,900mm			
Connector	MC4 and MC4 Compatible			
Package Configuration	26pcs/pallet			
40GP	624pcs			
40HQ	672pcs			

## Performance Parameters

	6M-375	6M-380	6M-385	6M-390
Maximum System Voltage	1000V			
Operating Temperature	-45~+85°C			
Maximum Series Fuse	20A			
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)

Module Type	6M-375		6M-380		6M-385		6M-390	
Test condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Rated Maximum Power(Mp)	375	282	380	286	385	290	390	294
Maximum Power Voltage(Vmp)	39.56	38.8	39.87	38.6	40.15	38.8	40.46	39.1
Maximum Power Current(Imp)	9.48	7.36	9.54	7.42	9.59	7.48	9.64	7.54
Open Circuit Voltage(Voc)	48.7	47.2	48.9	47.5	49.1	47.7	49.3	48
Short Circuit Current(Isc)	9.68	7.825	9.75	7.88	9.92	7.95	10.1	8.02
Module Efficiency(%)	19.02		19.27		19.52		19.78	
Temperature Coefficient of Isc					+0.06%			
Temperature Coefficient of Voc					-0.34%/ C			
Temperature Coefficient of Pmp					-0.4%/ C			
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.