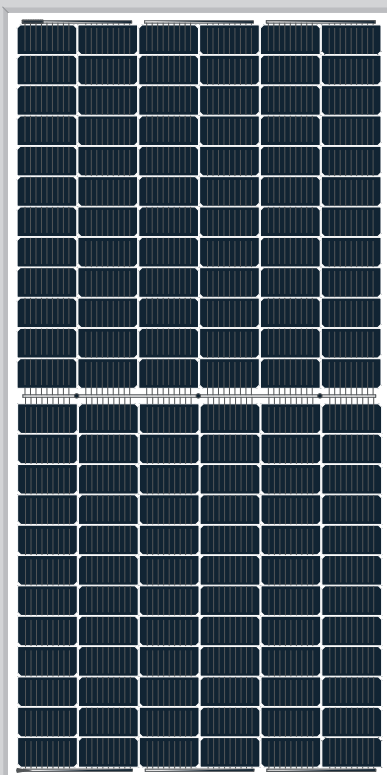
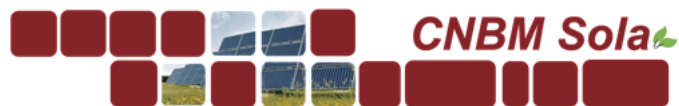


MONOCRYSTALLINE SILICON MODULE



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

BMA(-HV)-535 BMA(-HV)-540 BMA(-HV)-545

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

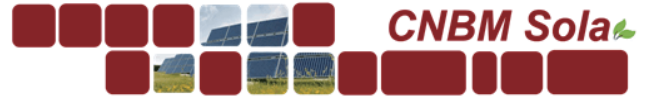
- 10 years product warranty
- 10-years 90% of Min. rated output power, and 25-years 80% of Min. rated output power warranty

Comprehensive Certificates

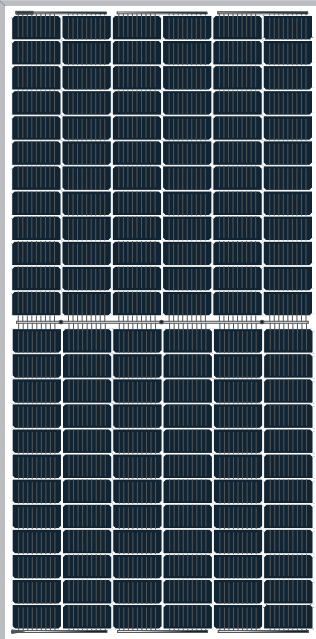
- ISO Certificate
- IEC61215、IEC61730 Certificate
- TUV-SUD Certificate
- CE Certificate

Specifications subject to technology and test conditions,

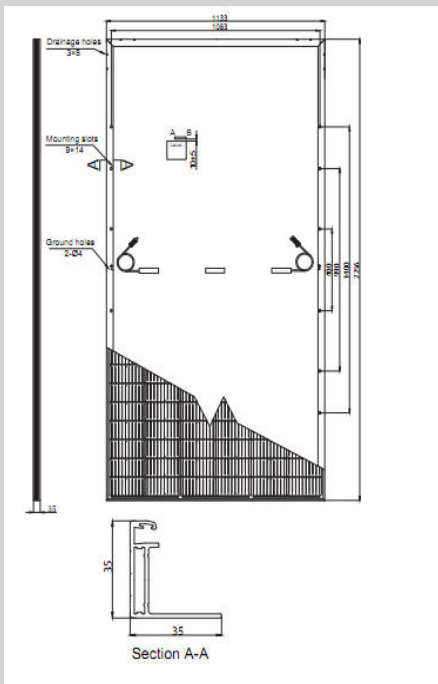
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Engineering Drawings (Front Side)



Engineering Drawings (Back Side)



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Raw materials and Mechanical Parameters

	BMA(-HV)-535	BMA(-HV)-540	BMA(-HV)-545
NO. of Cells and Connections	144(2x(6x12))		
Dimensions(mm)(L*W*H)	2256x1133x35		
Weight(kg)	32		
Glass	3.2mm Tempered Glass		
Encapsulation	EVA		
Backsheet	Multilayer Composite		
Aluminium-Frame	Silvery/Black Anodized aluminium alloy		
Junction-Box	IP68		
Cable	4mm ² , 400 mm (length can be customized)		
Connector	MC4 and MC4 Compatible		
40HQ	620pcs		

Performance Parameters

	BMA(-HV)-535	BMA(-HV)-540	BMA(-HV)-545
Maximum System Voltage	1500 V		
Operating Temperature	-40~+85°C		
Maximum Series Fuse	25A		
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)

	BMA(-HV)-535	BMA(-HV)-540	BMA(-HV)-545
Rated Maximum Power(Mp)	535W	540W	545W
Power Tolerance	0- +5W		
Module Efficiency	20.93%	21.13%	21.32%
Open Circuit Voltage(Voc)	49.31V	49.46V	49.61V
Maximum Power Voltage(Vmp)	41.45V	41.61V	41.77V
Short Circuit Current(Isc)	13.79 A	13.86 A	13.93A
Maximum Power Current(Imp)	12.91A	12.98 A	13.05A
Temperature Coefficient of Isc	+0.048%		
Temperature Coefficient of Voc	-0.29%		
Temperature Coefficient of Pmp	-0.36		
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.