

MONOCRYSTALLINE SILICON MODULE



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10M-330

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

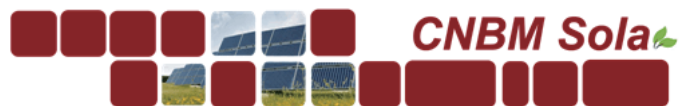
- 10 year product warranty
- 10 year 90% of Min. rated output power, and 25 year 80% of Min. rated output power warranty

Comprehensive Certificates

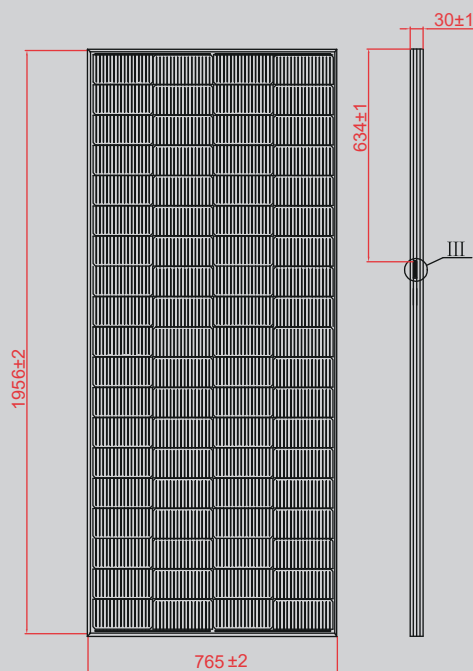
- IEC61215、IEC61730 Certificate
- CE Certificate

Specifications subject to technology and test conditions,

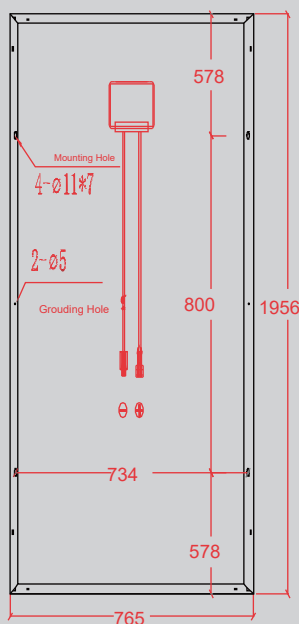
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▼ Engineering Drawings (Front Side)



DRAINAGE HOLES AIR HOLES



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Raw Materials and Mechanical Parameters

10M-330	
Type of Cells(mm)	Mono 99.5 x182
NO. of Cells and Connections	4x 19=76
Dimensions(mm)(L*W*H)	1956 x 765 x 30
Weight(kg)	17
Glass	3.2mm Tempered Glass
Encapsulation	EVA
Backsheet	Multilayer Composite
Aluminium-Frame	Silvery/Black Anodized aluminium alloy
Junction-Box	IP67/IP68
Cable	4mm ² , 900mm
Connector	MC4 and MC4 Compatible
Package Configuration	36pcs/pallet
40GP	984pcs
40HQ	1080pcs

Performance Parameters

10M-330	
Maximum System Voltage	1000V
Operating Temperature	-45~+80°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)

10M-330	
Rated Maximum Power(Mp)	330W
Power Tolerance	0 - +5W
Module Efficiency	24.6%
Open Circuit Voltage(Voc)	53.57V
Maximum Power Voltage(Vmp)	46.39V
Short Circuit Current(Isc)	7.38A
Maximum Power Current(Imp)	7.13A
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°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.