



CNBM M-400 400W

HALF-CUT MONOCRYSTALLINE SILICON MODULE

RAW MATERIALS AND MECHANICAL PARAMETERS

M-400

Type of Cells(mm)	Mono Half Cell 158.75 X 79.375
NO. of Cells and Connections	6 x 24=144
Dimensions(mm)(L*W*H)	2018 x 1002 x 40mm
Weight(kg)	22.3Kg
Glass	3.2mm Tempered Glass
Encapsulation	EVA
Backsheet	Multilayer Composite
Frame	Silver Anodized Aluminium Alloy
Junction Box	Ip68
Cable	4mm ² ,1400mm
Connector	Mc4 Compatible
Package Configuration	26pcs/pallet

PERFORMANCE PARAMETERS

M-400

Maximum System Voltage	1500V
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)

M-400

Power Tolerance	6M-400
Rated Maximum Power(Mp)	400W
Module Efficiency	19.88%
Open Circuit Voltage(Voc)	49.80V
Maximum Power Voltage(Vmp)	41.7V
Short Circuit Current(Isc)	10.36A
Maximum Power Current(Imp)	9.60A
Temperature Coefficient of Isc	+0.06%
Temperature Coefficient of Voc	-0.34%
Temperature Coefficient of Pmp	-0.40%



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.



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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.



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

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.