

# Yangtze 120Cells MBB 380-400 Watt

## MONO FACIAL MODULE

Positive power tolerance of 0~+3%

IEC61215(2016), IEC61730(2016)

ISO9001:2015: Quality Management System

ISO14001:2015: Environment Management System

ISO45001:2018

Occupational health and safety management systems



MBB Technology

## Key Features



### Multi Busbar Technology

MBB solar cell adopts new technology to improve the efficiency of modules, offers a better aesthetic appearance.



### Hot 2.0 Technology

The N-type module with Hot 2.0 technology has better reliability and lower LID/LETID.



### PID Resistance

Excellent Anti-PID performance guarantee via optimized mass-production process and materials control.



### Enhanced Mechanical Load

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



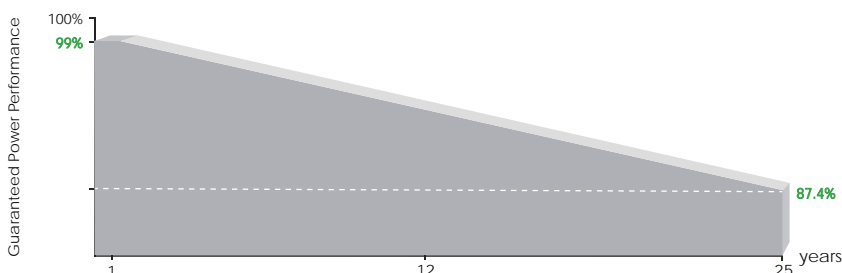
### Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance.



POSITIVE QUALITY™  
Continuous Quality Assurance

## LINEAR PERFORMANCE WARRANTY

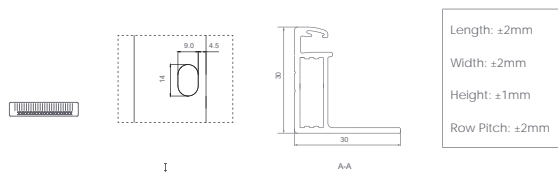
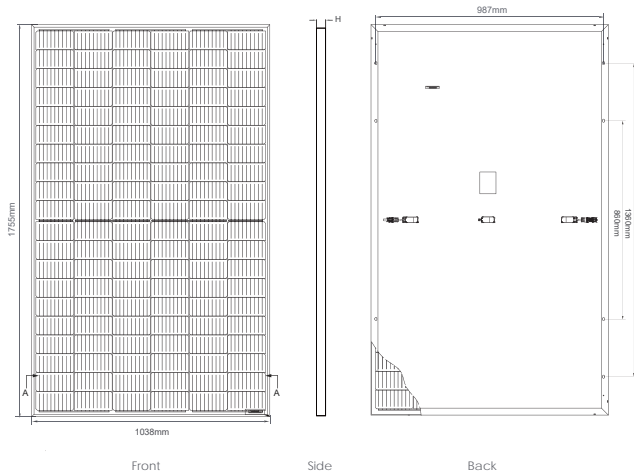


**12** Year Product Warranty

**25** Year Linear Power Warranty

**0.4%** Annual Degradation Over 25 years

## Engineering Drawings

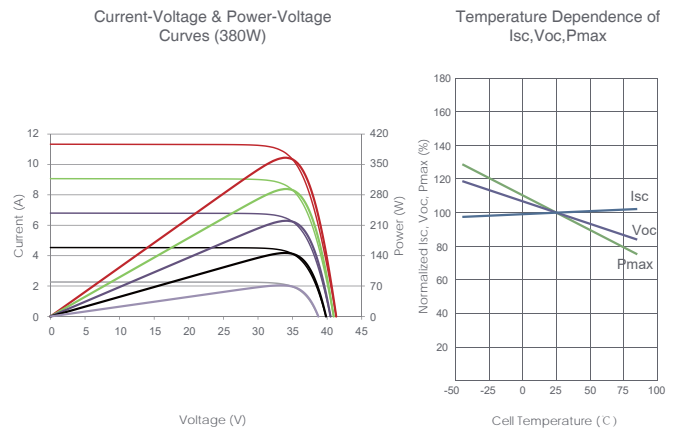


## Packaging Configuration

(Two pallets = One stack)

35pcs/pallets, 70pcs/stack, 910pcs/ 40'HQ Container

## Electrical Performance & Temperature Dependence



## Mechanical Characteristics

Cell Type	Mono-crystalline
No. of cells	120 (6×20)
Dimensions	1755×1035×30/35mm
Weight	19.0 kg (41.89 lbs)
Front Glass	3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68 Rated
Output Cables	TUV 1×4.0mm <sup>2</sup> (+): 290mm, (-): 145mm or Customized Length

## SPECIFICATIONS

Module Type	YS380M-60	YS385M-60	YS390M-60	YS395M-60	YS400M-60
Maximum Power (Pmax)	380Wp	385Wp	390Wp	395Wp	400Wp
Maximum Power Voltage (Vmp)	34.65V	34.69V	34.73V	34.77V	34.82V
Maximum Power Current (Imp)	10.97A	11.09A	11.23A	11.36A	11.49A
Open-circuit Voltage (Voc)	41.01V	41.16V	41.31V	41.46V	41.60V
Short-circuit Current (Isc)	11.53A	11.63A	11.73A	11.83A	11.93A
Module Efficiency STC (%)	20.92%	21.19%	21.47%	21.75%	21.98%
Operating Temperature(°C)	-40°C~+85°C				
Maximum System Voltage	1000/1500VDC (IEC)				
Maximum Series Fuse Rating	20A				
Power Tolerance	0~+3%				
Temperature Coefficients of Pmax	-0.34%/°C				
Temperature Coefficients of Voc	-0.28%/°C				
Temperature Coefficients of Isc	0.048%/°C				
Nominal Operating Cell Temperature (NOCT)	45±2°C				

\*STC: Irradiance 1000W/m<sup>2</sup> Cell Temperature 25°C

NOCT: Irradiance 800W/m<sup>2</sup> Ambient Temperature 20°C

AM=1.5

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Wind Speed 1m/s