



# 320-340 Watt

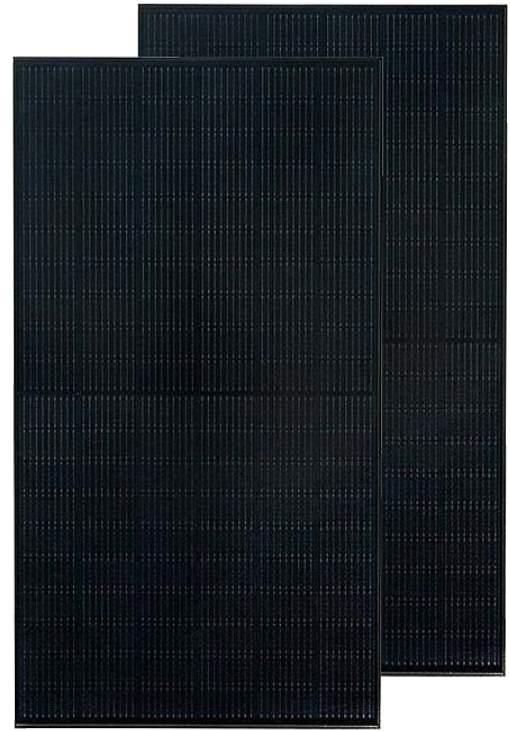
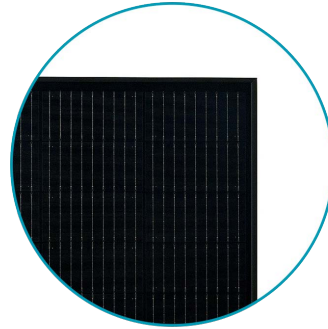
## Full Black 9BB 60H Series

158.75mm High Efficiency Mono Cell

0~+5Wp Positive Power Tolerance

**Notes:**

- \*Maysun SOLAR reserves the right of final interpretation.
- \*This datasheet is subject to change without notice.
- \*With the technical progress and the product update, its data of new panel maybe different from the datasheet.



### Innovational Half-cell Technology

Improves module Power Output, Decreases risk of Micro-crack on Cells and Enhances the Module Reliability.



### Greater Adaptability to Severe Condition

The Module is Tested and Certified under High Salt Spray, High Ammonia Corrosion, Hail, Dust and Sand; It Can Bear Harsh Environment Influence.



### Innovational PERC Technology

The PERC Technology Brings Higher Cell Efficiency and Stronger Power Output Reliability.



### The Loading Capacity

The Module is Certified for 2400Pa Wind Load and 3600Pa Snow Load. Optimize its Physical Property and Bearing Capability.



### The Excellent PID-resistance

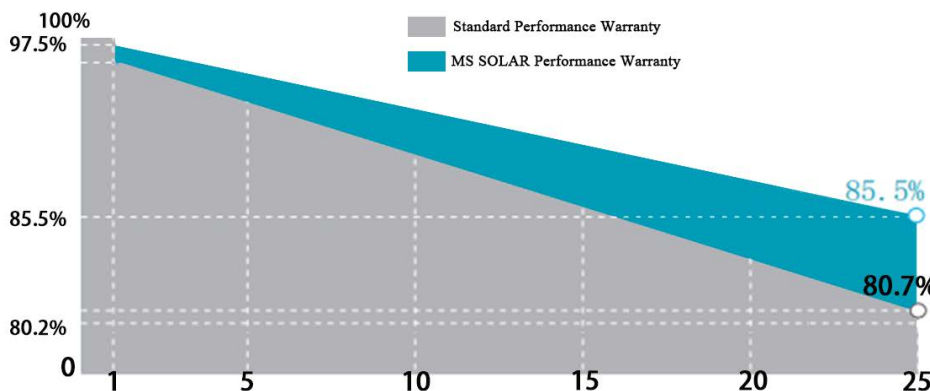
Using advanced solar cell to ensure Excellent PID-resistance and Reduce the Attenuation Rate of Power.



### Better Resistance to Hot Spots

Optimize the Circuit Design and Working Current to Achieve Better Temperature Coefficient and Resistance to Hot Spots.

## Higher Performance than Industry Standards



12 Years Quality Assurance

25 Years Performance Warranty

0.55% Annual Power Attenuation

# Electrical Specifications

Module Name	MS320MB-60H		MS325MB-60H		MS330MB-60H		MS335MB-60H		MS340MB-60H	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Rated Power Output (Pmax)	320Wp	239Wp	325Wp	242Wp	330Wp	246Wp	355Wp	250Wp	340Wp	255Wp
Rated Voltage (Vmp)	33.4V	31.4V	33.6V	31.6V	33.8V	31.8V	34.0V	32.0V	34.3V	32.2V
Rated Current (Imp)	9.59A	7.62A	9.68A	7.66A	9.77A	7.74A	9.84A	7.82A	9.91A	7.92A
Open Circuit Voltage (Voc)	40.9V	37.8V	41.1V	38.0V	41.3V	38.2V	41.5V	38.4V	41.7V	38.6V
Short Circuit Current (Isc)	10.15A	8.44A	10.20A	8.54A	10.31A	8.65A	10.36A	8.74A	10.42A	8.80A
Module Efficiency (%)	18.96%		19.26%		19.56%		19.85%		20.10%	
Operating Temperature (°C)	-40°C~+85°C									
Maximum System Voltage	1000/1500VDC (IEC)									
Maximum Series Fuse Rating	15A									
Power Output Tolerance	0~+5Wp									
Temperature Coefficient (Pmax)	-0.380%/°C									
Temperature Coefficient (Voc)	-0.284%/°C									
Temperature Coefficient (Isc)	+0.042%/°C									
Normal Operating Cell Temperature (NOCT)	46±2°C									

**STC:** illumination: 1000W/m<sup>2</sup> Cell Temperature: 25°C Air Mass=1.5

**NOCT:** illumination: 800W/m<sup>2</sup> Ambient Temperature: 20°C Air Mass=1.5 Wind Speed: 1m/s

## Mechanical Specifications

Cell Type	Monocrystalline Cell; 158.75*79.375mm
Number of Cells Module Dimensions	120 (6×20)
Module	1684×1002×30mm
Weight	19kg
Front Glass	3.2 mm, High Transparent Glass
Frame	Aluminum Alloy, Silver Anodized
Junction Box	IP67 Rated
Cable Length	300/400mm or 1000mm
Cable Diameter	12AWG (4 mm <sup>2</sup> )
Connector Type	MC4 Compatible

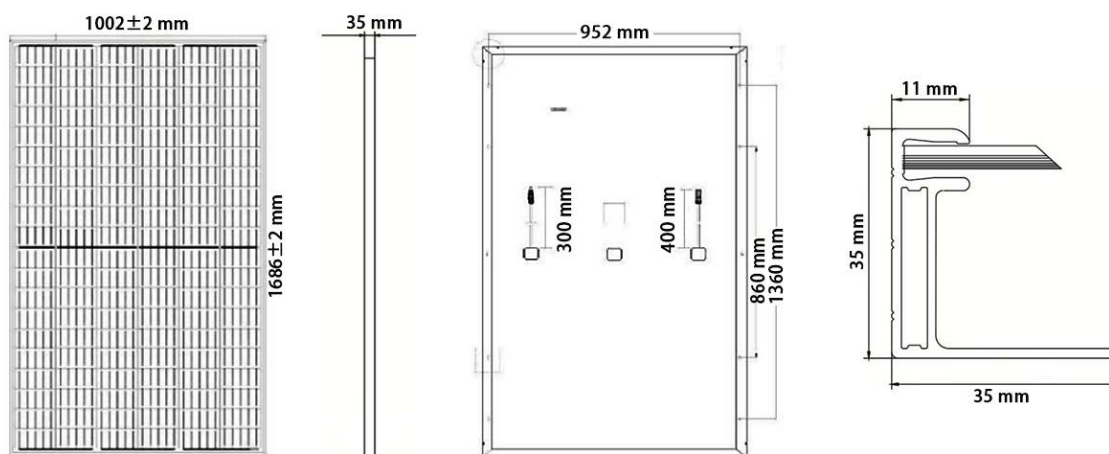
## Packing Detail

37+45 Pcs/Pallet ; Pallet Size: 1710\*1080\*1140 mm

574 Pcs/20GP ; 1148 Pcs/40HQ



## Module Dimensions Detail



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