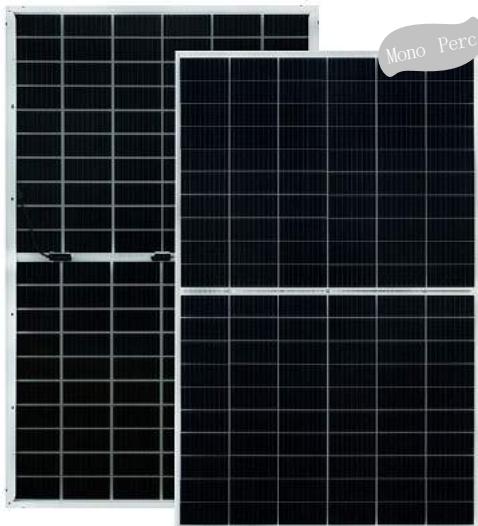


# MS158.75mm 120 Cells

# 335 ~355 W

**Bifacial Half-Cell High Efficiency** PV Module



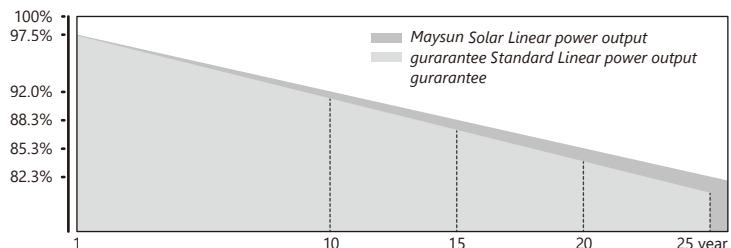
## Comprehensive Products and System Certificates

IEC 61215 / IEC 61730 / CE /  
ISO 9001: 2015 / Quality management system



## Quality Guarantee

- 12-year** Material & technology warranty
- 25-year** Linear power output warranty



**Max Module Efficiency**

**21.0%**



**Strong resistance to hot spots**

Low temperature coefficient, better heat dissipation of Transparent Backsheet, higher power generation



**Up to 25% increase in power generation on the back**

Multi-busbar high-efficiency double-sided PERC cell, the power generation gain increases with the light on the back, high power output, more stable and safer



**30-year service life**

Adopting high-permeability coated Transparent Backsheet, which has better water resistance and corrosion resistance, and stronger weather resistance in environments such as salt spray and ammonia



**Higher fire rating**

Fire rating Class A, reducing abnormal hidden dangers



**Easy to install**

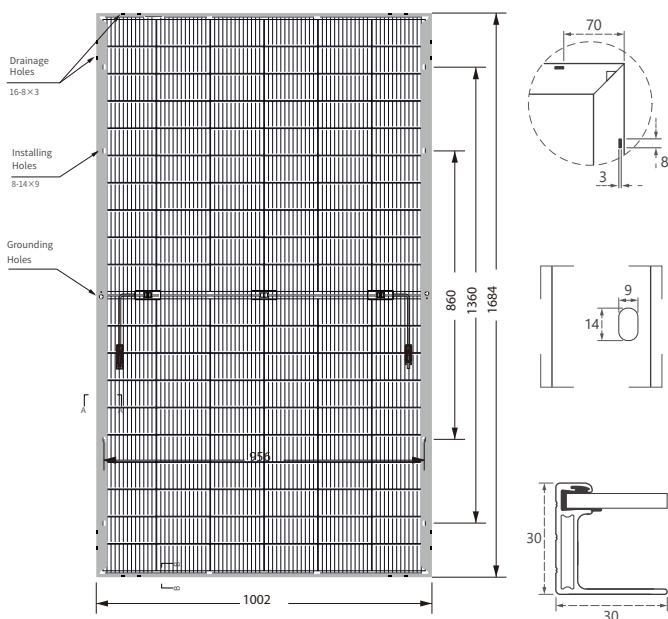
Contains frame design, system installation compatibility is stronger



Maysun Solar FZCO Reserves the right of final interpretation.  
Specifications and designs included in this datasheet are subject to change without notice.

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## Design



## Mechanical Specification

Cells Type	Mono 9BB/12BB 158.75×79.375mm
Weight	18kg
Dimension (L×W×T)	1684×1002×30mm
Cable	4.0mm <sup>2</sup> , Portrait: 300mm(+) / 400mm(-) Landscape: 1000mm(+) / 1000mm(-)
(Including connector)	
No. of Cells	120 (6×20)
Packing	37pcs/pallet, 1148pcs/40HQ
Glass	3.2 mm High Transmission, Antireflection Coating
Junction box	IP68, 3 Bypass Diodes
Connector	MC4 Compatible

## Operating Parameters

Maximum system voltage	1000V/1500V DC
Operating Temperature	-40 ~ +85°C
Maximum series fuse rating	20A
Snow load, frontside	5400Pa
Wind load, backside	2400Pa
Nominal operating cell temperature	45°C±2°C
Application level	Class A

## Electrical Characteristics(STC)

Module Type	MS335MB-60H	MS340MB-60H	MS345MB-60H	MS350MB-60H	MS355MB-60H
Maximum Power (Pmax)	335W	340W	345W	350W	355W
Open-circuit Voltage (Voc)	40.8V	41.0V	41.2V	41.4V	41.7V
Maximum Power Voltage (Vmp)	33.9V	34.1V	34.3V	34.5V	34.7V
Short-circuit Current (Isc)	10.39A	10.46A	10.53A	10.61A	10.69A
Maximum Power Current (Imp)	9.89A	9.98A	10.06A	10.15A	10.23A
Module Efficiency (%)	19.85%	20.15%	20.45%	20.74%	21.0%

Power Tolerance	0~+5W
Temperature Coeffcient of Isc	0.05%/°C
Temperature Coeffcient of Voc	-0.29%/°C
Temperature Coeffcient of Pmax	-0.37%/°C
Standard Test Environment	Irradiance 1000W/m <sup>2</sup> , Cell temperature 25°C, Spectrum AM1.5

## Electrical Characteristics(NOCT)

Module Type	MS335MB-60H	MS340MB-60H	MS345MB-60H	MS350MB-60H	MS355MB-60H
Maximum Power (Pmax)	253W	257W	261W	265W	269W
Open-circuit Voltage (Voc)	40.1V	40.4V	40.7V	41.1V	41.6V
Maximum Power Voltage (Vmp)	32.7V	33.0V	33.3V	33.7V	34.1V
Short-circuit Current (Isc)	8.22A	8.28A	8.32A	8.37A	8.42A
Maximum Power Current (Imp)	7.74A	7.79A	7.84A	7.86A	7.89A
Standard Test Environment	Irradiance 800W/m <sup>2</sup> , Cell temperature 20°C, Spectrum AM1.5, Wind speed 1m/s				

