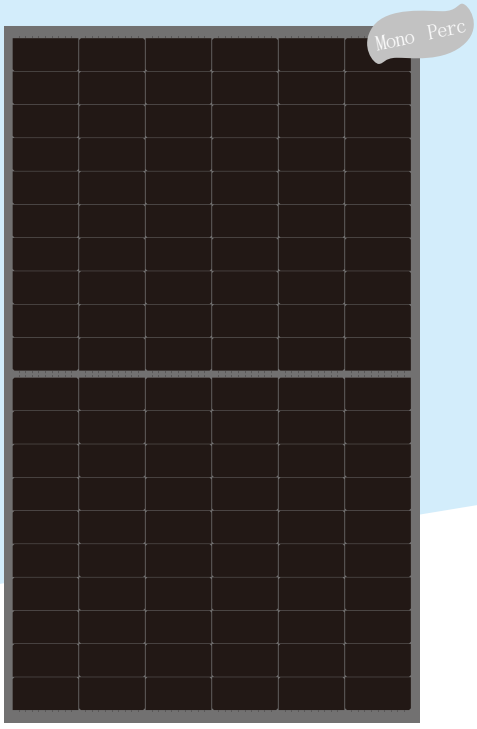
MS158.75mm 120 Cells

325 ~345 W

Half-Cell High Efficiency PV Module



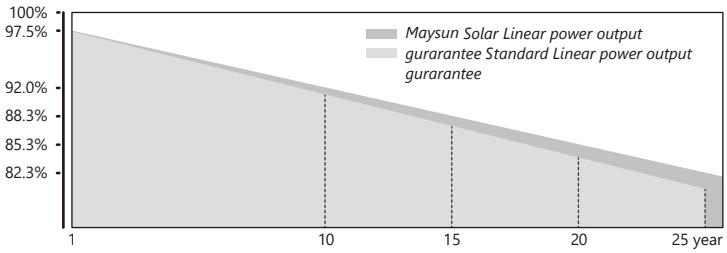
Comprehensive
Products and System Certificates

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 — **20.45%**

Half-cell & High eff.

9BB Half-cell technology, Higher output power

Less Shading Effect

Unique circuit design, Minimize shading effect

Lower Temperature

Lower temperature coefficient, Lower hot spot temperature

Weather Resistance

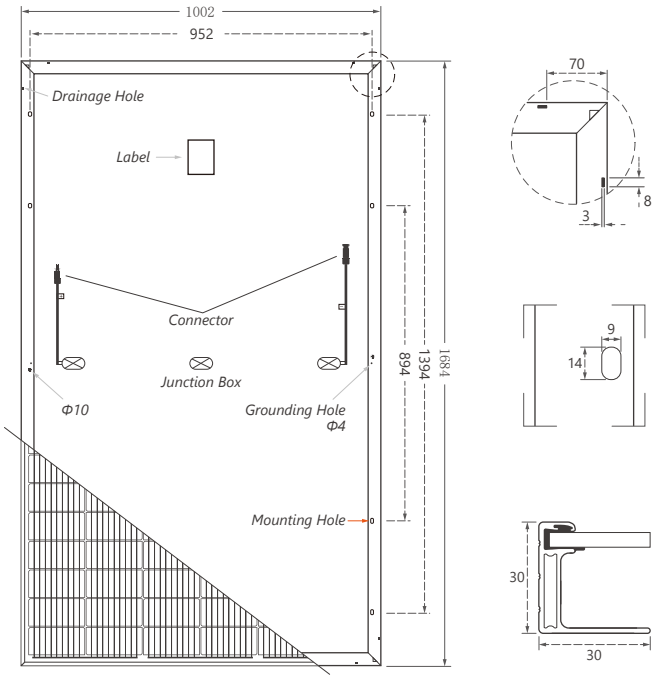
Pass Anti PID test. 100% double EL test, Minimizes micro-cracks

Maysun Solar FZCO Reserves the right of fi nal interpretation.
Specifi ca tions and designs included in this datasheet are subject to change without notice.

Mono Perc

MS (325~345w)MB-60H

Design



Mechanical Specification

Cells Type	Mono 158.75×79.375mm
Weight	19kg
Dimension (L×W×T)	1684×1002×30mm
Cable	4.0mm², Portrait: 300mm(+)/400mm(-)
(Including connector)	Landscape: 1000mm(+)/1000mm(-)
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	MS325MB-60H	MS330MB-60H	MS335MB-60H	MS340MB-60H	MS345MB-60H
Maximum Power (Pmax)	325W	330W	335W	340W	345W
Open-circuit Voltage (Voc)	40.4V	40.6V	40.8V	41.0V	41.2V
Maximum Power Voltage (Vmp)	33.5V	33.7V	33.9V	34.1V	34.3V
Short-circuit Current (Isc)	10.27A	10.33A	10.39A	10.46A	10.53A
Maximum Power Current (Imp)	9.71A	9.80A	9.89A	9.98A	10.06A
Module Efficiency (%)	19.26%	19.56%	19.85%	20.15%	20.45%

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/m², Cell temperature 25°C, Spectrum AM1.5

Electrical Characteristics(NOCT)

Module Type	MS325MB-60H	MS330MB-60H	MS335MB-60H	MS340MB-60H	MS345MB-60H
Maximum Power (Pmax)	245W	249W	253W	257W	261W
Open-circuit Voltage (Voc)	39.4V	39.7V	40.1V	40.4V	40.7V
Maximum Power Voltage (Vmp)	32.1V	32.4V	32.7V	33.0V	33.3V
Short-circuit Current (Isc)	8.11A	8.18A	8.22A	8.28A	8.32A
Maximum Power Current (Imp)	7.63A	7.69A	7.74A	7.79A	7.84A
Standard Test Environment	Irradiance 800W/m², Cell temperature 20°C, Spectrum AM1.5, Wind speed 1m/s				

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