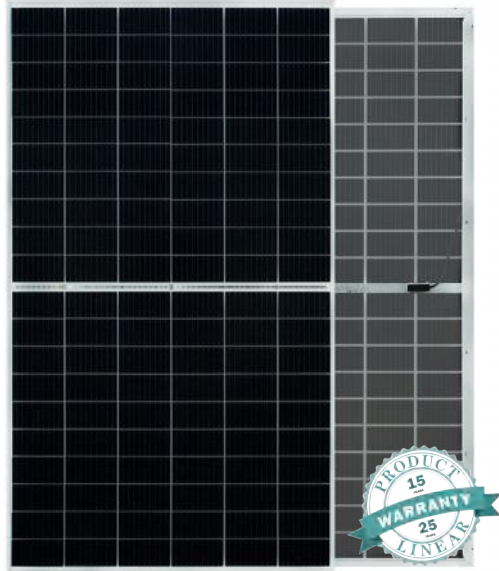


Mono PERC 158mm 120 Cells

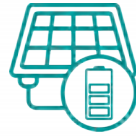
# MS(335-355)MB-60H Transparent Bifacial

335/340/345/350/355 WP



## High customer value

- Lower LCOE (Levelized Cost Of Energy), reduced BOS (Balance Of System) cost, shorter payback time
- Lower guaranteed first year and annual degradation
- Designed for compatibility with existing mainstream system components
- Higher return on Investment



## High energy yield

- Excellent IAM (Incident Angle Modifier) and low irradiation performance, validated by 3rd party certifications
- The unique design provides optimized energy production under inter-row shading conditions



## High reliability

- Minimized micro-cracks with innovative non-destructive cutting technology
- Ensured PID resistance through cell process and module material control
- Resistant to harsh environments such as salt, ammonia, sand, high temperature and high humidity areas
- Mechanical performance up to 5400 Pa positive load and 2400 Pa negative load
- Class-C fire safety test passed



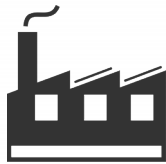
## High power up to **355W**

- Large area cells based on 158mm silicon wafers and 1/2-cut cell technology
- Up to 21% module efficiency with high density interconnect technology
- Multi-busbar technology for better light trapping effect lower series resistance and improved current collection

## APPLICATIONS >>



On-grid residential roof-tops



On-grid commercial/ industrial roof-tops

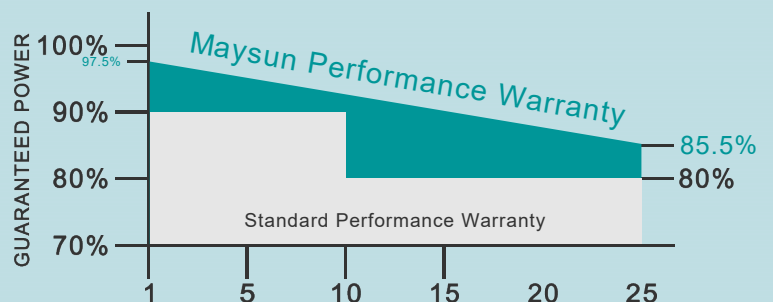


## MAXIMUM EFFICIENCY

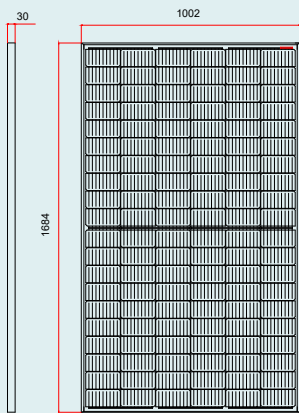
# 21%

## POSITIVE POWER TOLERANCE

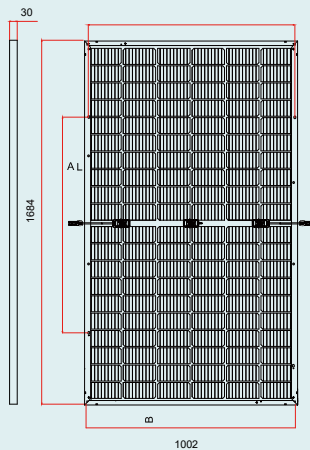
# 0 ~ +5W



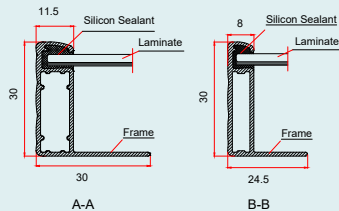
### DIMENSIONS OF PV MODULE(mm)



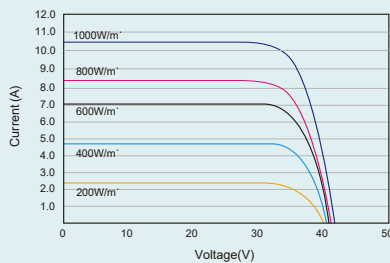
Front View



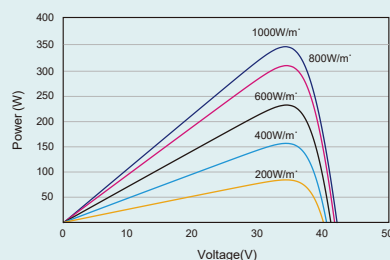
Back View



### I-V CURVES OF PV MODULE(350W)



### P-V CURVES OF PV MODULE(350W)



### ELECTRICAL DATA (STC)

Parameter	335	340	345	350	355
Peak Power Watts- $P_{MAX}$ (Wp)*	335	340	345	350	355
Power Tolerance- $P_{MAX}$ (W)			0 ~ +5		
Maximum Power Voltage- $V_{MPP}$ (V)	33.9	34.1	34.3	34.5	34.7
Maximum Power Current- $I_{MPP}$ (A)	9.89	9.98	10.06	10.15	10.23
Open Circuit Voltage- $V_{OC}$ (V)	40.8	41.0	41.2	41.4	41.7
Short Circuit Current- $I_{SC}$ (A)	10.39	10.46	10.53	10.61	10.69
Module Efficiency $\eta_m$ (%)	19.8	20.1	20.4	20.7	21.0

STC: Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5. \*Measuring tolerance: ±3%.

### ELECTRICAL DATA (NOCT)

Parameter	253	257	261	265	269
Maximum Power- $P_{MAX}$ (Wp)	253	257	261	265	269
Maximum Power Voltage- $V_{MPP}$ (V)	32.7	33.0	33.3	33.7	34.1
Maximum Power Current- $I_{MPP}$ (A)	7.74	7.79	7.84	7.86	7.89
Open Circuit Voltage- $V_{OC}$ (V)	40.1	40.4	40.7	41.1	41.6
Short Circuit Current- $I_{SC}$ (A)	8.22	8.28	8.32	8.37	8.42

NOCT: Irradiance at 800W/m<sup>2</sup>, Ambient Temperature 20°C, Wind Speed 1m/s.

### MECHANICAL DATA

Solar Cells	Monocrystalline
Cell Orientation	120 cells (6× 20)
Module Dimensions	1684× 1002 × 30 mm (66.29× 39.44 × 1.18 inches)
Weight	18.0 kg
Glass	3.2mm (0.13 inches), High Transmission, AR Coated Heat Strengthened Glass
Encapsulant Material	EVA/POE
Backsheet	Transparent
Frame	30 mm (1.18 inches) Anodized Aluminium Alloy
J-Box	IP 68 rated
Cables	Photovoltaic Technology Cable 4.0mm <sup>2</sup> (0.006 inches <sup>2</sup> ), Portrait: N 300mm/P 300mm(11.02/11.02inches)
Connector	MC4

\*Please refer to regional datasheet for specified connector.

### TEMPERATURE RATINGS

NOCT(Nominal Operating Cell Temperature)	43°C (±2°C)
Temperature Coe <sup>o</sup> cient of $P_{MAX}$	- 0.34%/°C
Temperature Coe <sup>o</sup> cient of $V_{OC}$	- 0.25%/°C
Temperature Coe <sup>o</sup> cient of $I_{SC}$	0.04%/°C

### MAXIMUM RATINGS

Operational Temperature	- 40 ~ +85°C
Maximum System Voltage	1500V DC (IEC)
Max Series Fuse Rating	20A

### WARRANTY

12 year Product Workmanship Warranty
25 year Power Warranty
2% first year degradation
0.55% Annual Power Attenuation

\*Please refer to product warranty for details.

### PACKAGING CONFIGURATION

Modules per pallet: 36 pieces
Modules per 40' container: 1014 pieces



CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT.

© 2021 Maysun Solar Co.,Ltd. All rights reserved. Specifications included in this datasheet are subject to change without notice.

Website: [www.maysunsolar.com](http://www.maysunsolar.com)