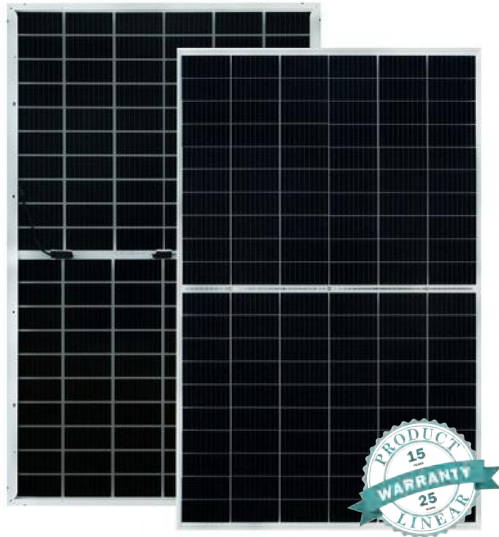


Mono PERC 158mm 120 Cells

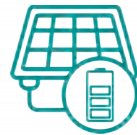
MS(335-355)MB-60H Dual Glass Bifacial

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



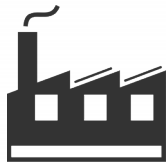
High power up to **355W**

- 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

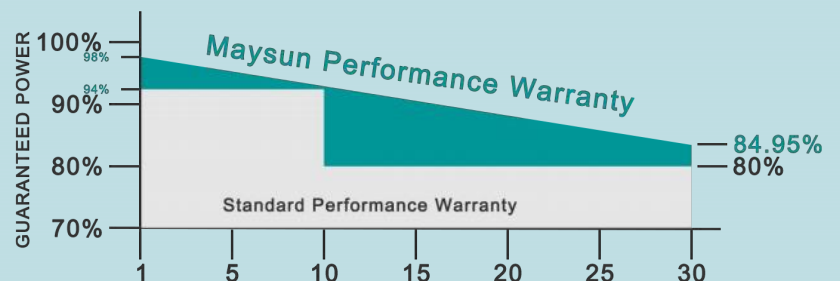


MAXIMUM EFFICIENCY

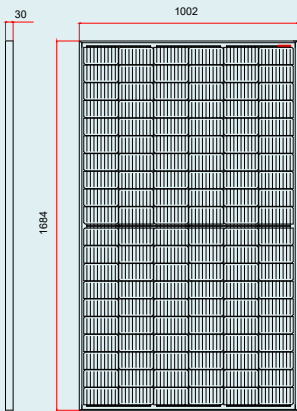
21%

POSITIVE POWER TOLERANCE

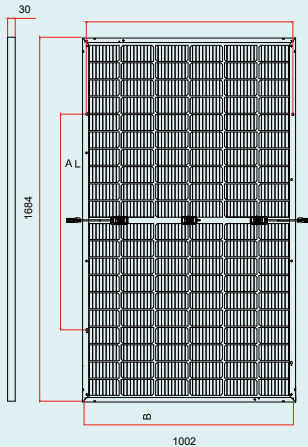
0 ~ +5W



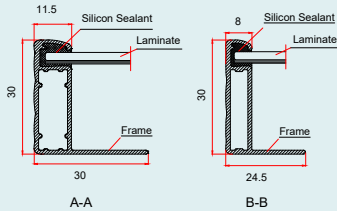
DIMENSIONS OF PV MODULE(mm)



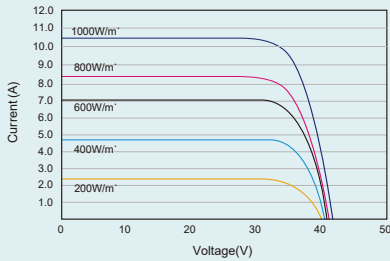
Front View



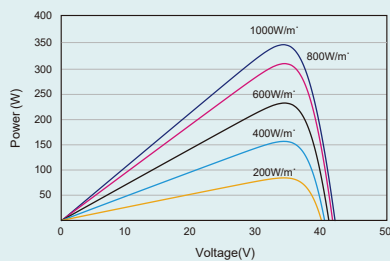
Back View



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 η_m (%)	19.85	20.15	20.45	20.74	21.00

STC: Irradiance 1000W/m², 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/m², 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	24.0 kg
Glass	Dual glass, 2.0mm Low Iron Tempered Glass
Encapsulant Material	EVA/POE
Backsheet	Glass
Frame	30 mm (1.18 inches) Anodized Aluminium Alloy
J-Box	IP68, 3 Bypass Diodes
Cables	Photovoltaic Technology Cable 4.0mm ² (0.006 inches ²), 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)	45°C (±2°C)
Temperature Coe ^o cient of P_{MAX}	- 0.37%/°C
Temperature Coe ^o cient of V_{OC}	- 0.29%/°C
Temperature Coe ^o cient of I_{SC}	0.05%/°C

MAXIMUM RATINGS

Operational Temperature	- 40 ~ +85°C
Maximum System Voltage	1000V/1500V DC
Max Series Fuse Rating	20A

WARRANTY

15 year Product Workmanship Warranty
30 year Power Warranty
2% first year degradation
0.45% Annual Power Attenuation

*Please refer to product warranty for details.

PACKAGING CONFIGURATION

Modules per pallet: 37 pieces
Modules per 40' container: 962 pieces



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

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Website: www.maysunsolar.com