

370~395W

AS370-395M6-120

MORE POWER

UP TO 21.67% Maximize the light absorption area, module efficiency up to 21.67%.

Low temperature coefficient (Pmax): -0.35 % /°C.

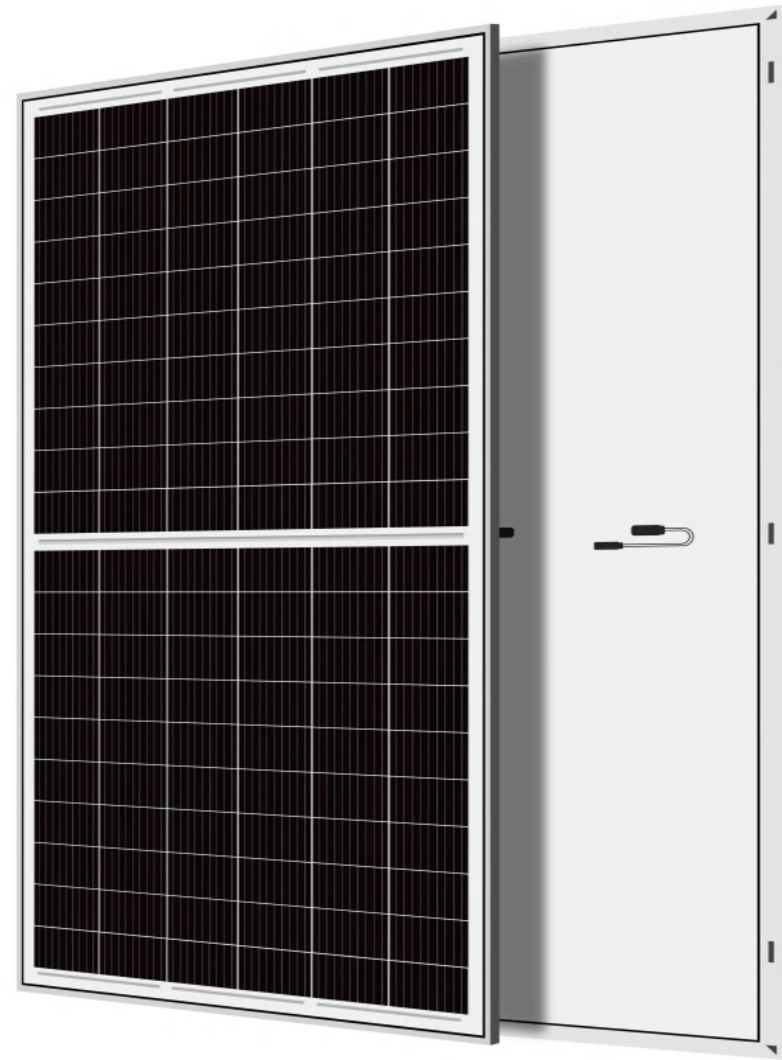
Better shading tolerance.

MORE RELIABLE

Lower internal current, lower hot spot temperature.

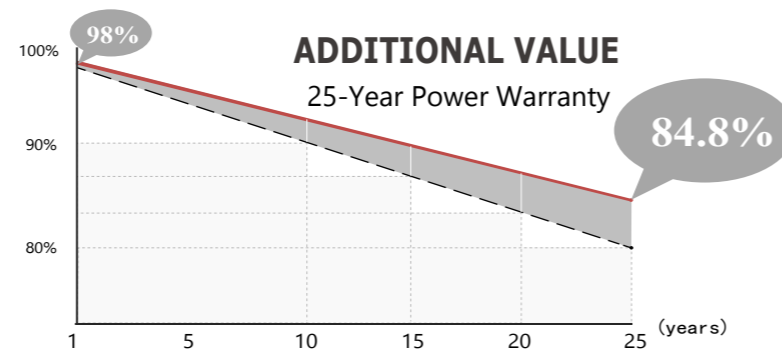
Cell crack risk limited in small region, enhance the module reliability.

***** Heavy snow load up to 5400 Pa, wind load up to 2400 Pa.**



12 12-year Product Warranty

25 25-year Linear Performance Warranty



370-395W

Monofacial Half-Cell PV Module

Weight

20.5kgs±3%

Cells Type

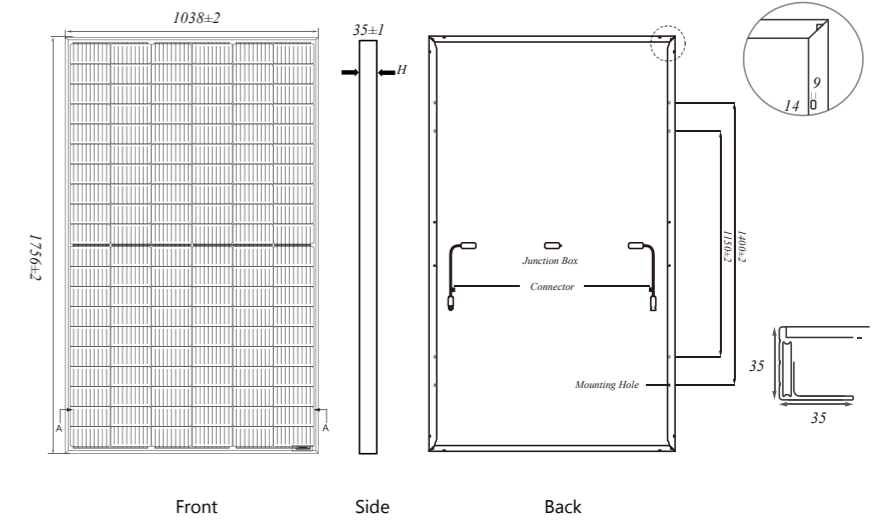
Mono 166x83mm

Dimension(LxWxT)

1756±2mmx1038±2mmx35±1mm

Packaging

31pcs/pallet, 858pcs/40HQ container



Remark: customized frame color and cable length available upon request

MECHANICAL SPECIFICATION

| | |
|--------------------------|------------------------|
| Cell | Mono |
| No.of cells | 120(6x20) |
| Cable Length | 300mm(+)/300mm(-) |
| Cable Cross Section Size | 4mm ² (IEC) |
| Junction Box | IP67,3 diodes |
| Connector | MC4 Compatible |

OPERATING PARAMETERS

| | |
|--------------------------|--------------------------------|
| Maximum System Voltage | 1500VDC |
| Operating Temperature | -40°C~+85°C |
| Maximum Series Fuse | 30A |
| Maximum StaticLoad,Front | 5400Pa(112lb/ft ²) |
| Maximum StaticLoad,Back | 2400Pa(50lb/ft ²) |
| Safety Class | ClassII |

ELECTRICAL CHARACTERISTICS

STC:AM1.5 1000W/m² 25°C NOCT:AM1.5 800W/m² 20°C 1m/s Test uncertainty for Pmax ±3%

| Module Type | AS370M6-120 | | AS375M6-120 | | AS380M6-120 | | AS385M6-120 | | AS390M6-120 | | AS395M6-120 | |
|---------------------------------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
| | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT |
| Maximum Power(Pmax/W) | 370 | 280 | 375 | 284 | 380 | 287 | 385 | 291 | 390 | 295 | 395 | 298.5 |
| Open Circuit Voltage(Voc/V) | 40.60 | 38.65 | 40.75 | 38.89 | 40.90 | 39.14 | 41.05 | 39.37 | 41.20 | 39.63 | 41.35 | 39.87 |
| Short Circuit Current(Isc/A) | 11.25 | 9.20 | 11.32 | 9.25 | 11.39 | 9.30 | 11.46 | 9.35 | 11.53 | 9.40 | 11.60 | 9.45 |
| Voltage at Maximum Power(Vmp/V) | 34.84 | 32.30 | 35.02 | 32.55 | 35.20 | 32.72 | 35.38 | 32.96 | 35.56 | 33.20 | 35.74 | 33.44 |
| Current at Maximum Power(Imp/A) | 10.62 | 8.66 | 10.71 | 8.71 | 10.80 | 8.78 | 10.89 | 8.83 | 10.98 | 8.88 | 11.07 | 8.93 |
| Module Efficiency(%) | 20.30 | | 20.57 | | 20.85 | | 21.12 | | 21.40 | | 21.67 | |

TEMPERATURE RATINGS

| | |
|---|------------|
| Norminal Operating Cell Temperature(NOCT) | 45±2°C |
| Temperature Coefficient of Isc | +0.044%/°C |
| Temperature Coefficient of Voc | -0.272%/°C |
| Temperature Coefficient of Pmax | -0.350%/°C |

I-V CURVE(AS370-395M6-120)

