



370~395W

AS370-395M6-120

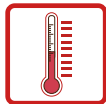
MORE POWER


UP TO 21.65% Maximize the light absorption area, module efficiency up to 21.65%.

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

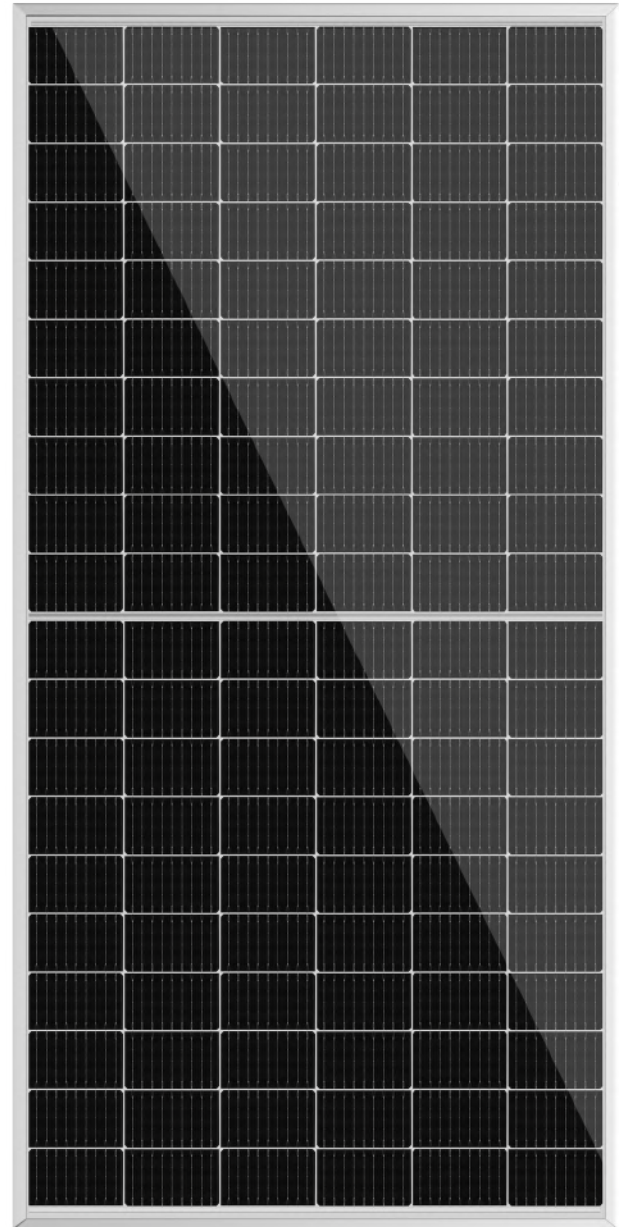
 Better shading tolerance.

MORE RELIABLE

 Lower internal current, lower hot spot temperature.

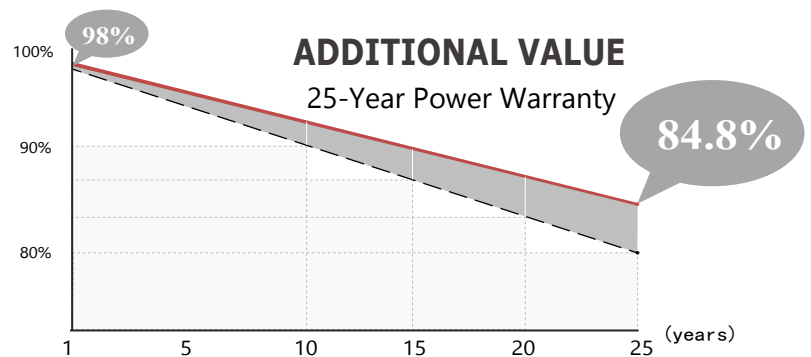
 Cell crack risk limited in small region, enhance the module reliability.

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



12 12-year Product Warranty

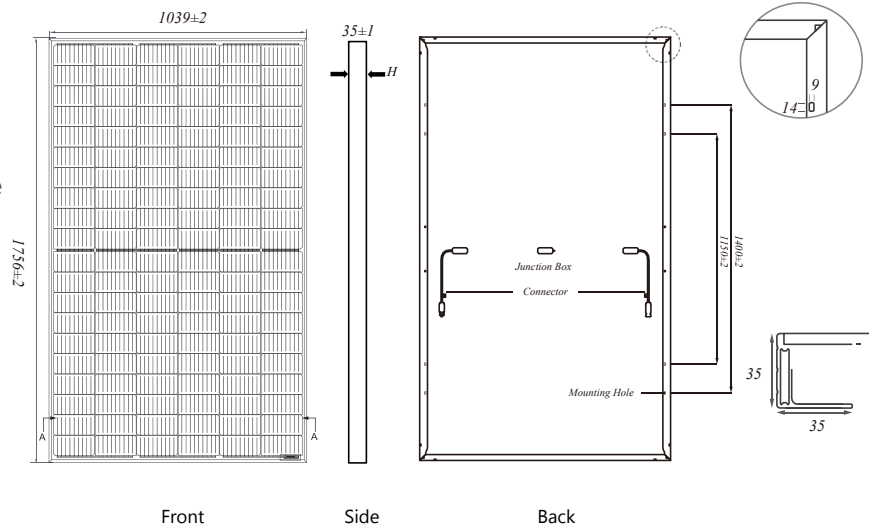
25 25-year Linear Performance Warranty



AS370-395M6-120

370-395W

Half-Cell High Efficiency PV Module

Weight
20.5kgs±3%
Cells Type
Mono 166x83mm
Dimension(LxWxT)
1756±2mmx1039±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 | 20A |
| Maximum StaticLoad,Front | 5400Pa(112lb/ft ²) |
| Maximum StaticLoad,Back | 2400Pa(50lb/ft ²) |
| Safety Class | Class II |

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) | 41.30 | 38.65 | 41.45 | 38.89 | 41.62 | 39.14 | 41.78 | 39.37 | 41.94 | 39.63 | 42.10 | 39.87 |
| Short Circuit Current(Isc/A) | 11.35 | 9.20 | 11.41 | 9.25 | 11.47 | 9.30 | 11.53 | 9.35 | 11.58 | 9.40 | 11.63 | 9.45 |
| Voltage at Maximum Power(Vmp/V) | 34.23 | 32.30 | 34.50 | 32.55 | 34.77 | 32.72 | 35.04 | 32.96 | 35.33 | 33.20 | 35.62 | 33.44 |
| Current at Maximum Power(Imp/A) | 10.81 | 8.66 | 10.87 | 8.71 | 10.93 | 8.78 | 10.99 | 8.83 | 11.04 | 8.88 | 11.09 | 8.93 |
| Module Efficiency(%) | 20.28 | | 20.55 | | 20.83 | | 21.10 | | 21.38 | | 21.65 | |

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)

