



# 370~395W

AS370-395M6-120 FULL BLACK

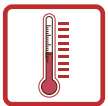
## MORE POWER


**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

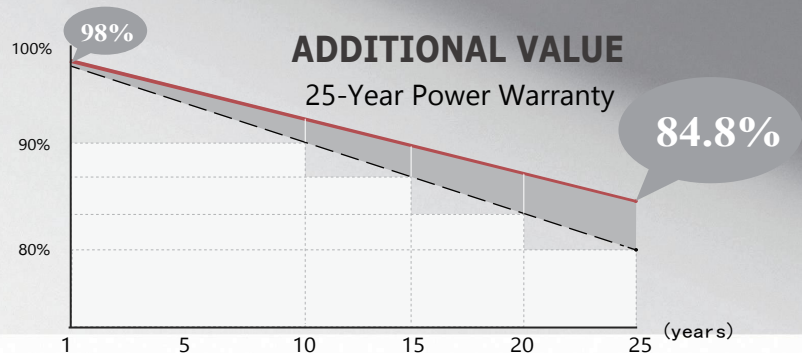
 Lower internal current, lower hot spot temperature.

 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**

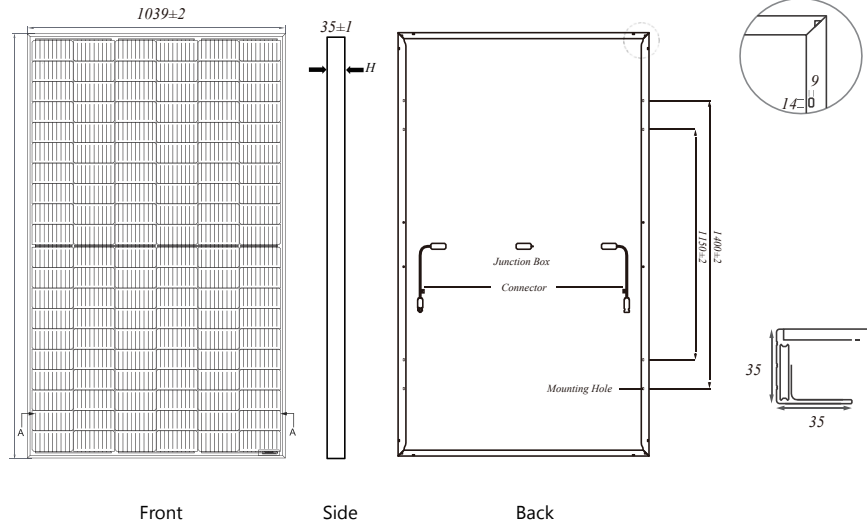
**Mono 166x83mm**

**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 <sup>2</sup> (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 <sup>2</sup> )
Maximum StaticLoad,Back	2400Pa(50lb/ft <sup>2</sup> )
Safety Class	ClassII

**ELECTRICAL CHARACTERISTICS** STC:AM1.5 1000W/m<sup>2</sup> 25°C NOCT:AM1.5 800W/m<sup>2</sup> 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)**

