



370~395W

AS370-395M6-120

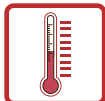
MORE POWER


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.

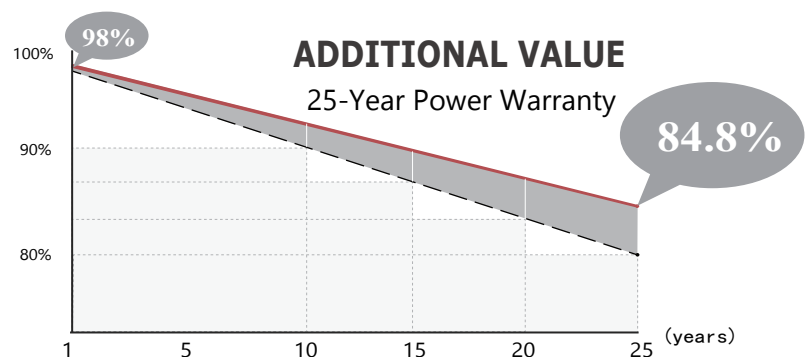
 Cell crack risk limited in small region, enhance the module reliability.

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



12 12-year Product Warranty

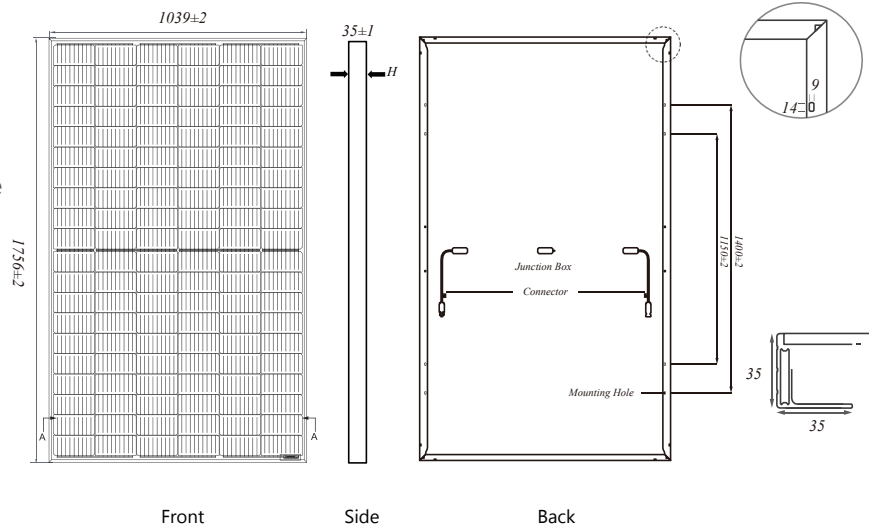
25 25-year Linear Performance Warranty



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


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)

