

370~395W

AS370-395M6-120 FULL BLACK

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

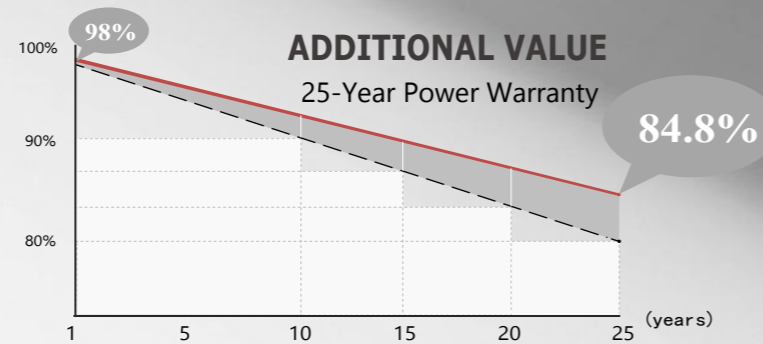
Lower internal current, lower hot spot temperature.

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

Full Black Half-Cell PV Module

Weight

20.5kgs±3%

Cells Type

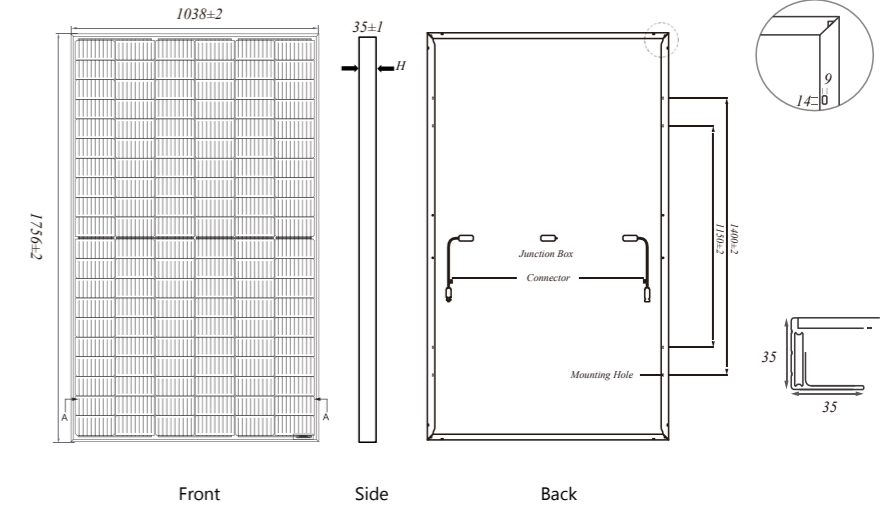
Mono 166x83mm

Dimension(LxWxT)

1756±2mmx1038±2mmx35±1mm

Packaging

31pcs/pallet, 858pcs/40HQ container



Remark: customized frame color and cable length available upon request

MECHANICAL SPECIFICATION		OPERATING PARAMETERS	
Cell	Mono	Maximum System Voltage	1500VDC
No.of cells	120(6x20)	Operating Temperature	-40°C~+85°C
Cable Length	300mm(+)/300mm(-)	Maximum Series Fuse	30A
Cable Cross Section Size	4mm²(IEC)	Maximum StaticLoad,Front	5400Pa(112lb/ft²)
Junction Box	IP67,3 diodes	Maximum StaticLoad,Back	2400Pa(50lb/ft²)
Connector	MC4 Compatible	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%											
	AS370M6-120		AS375M6-120		AS380M6-120		AS385M6-120		AS390M6-120		AS395M6-120	
Testing Condition	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

