

# 365~390W

AS365-390BM6-120 FULL BLACK

## MORE POWER

**UP TO 20.90%** Maximize the light absorption area, module efficiency up to 20.90 %.

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

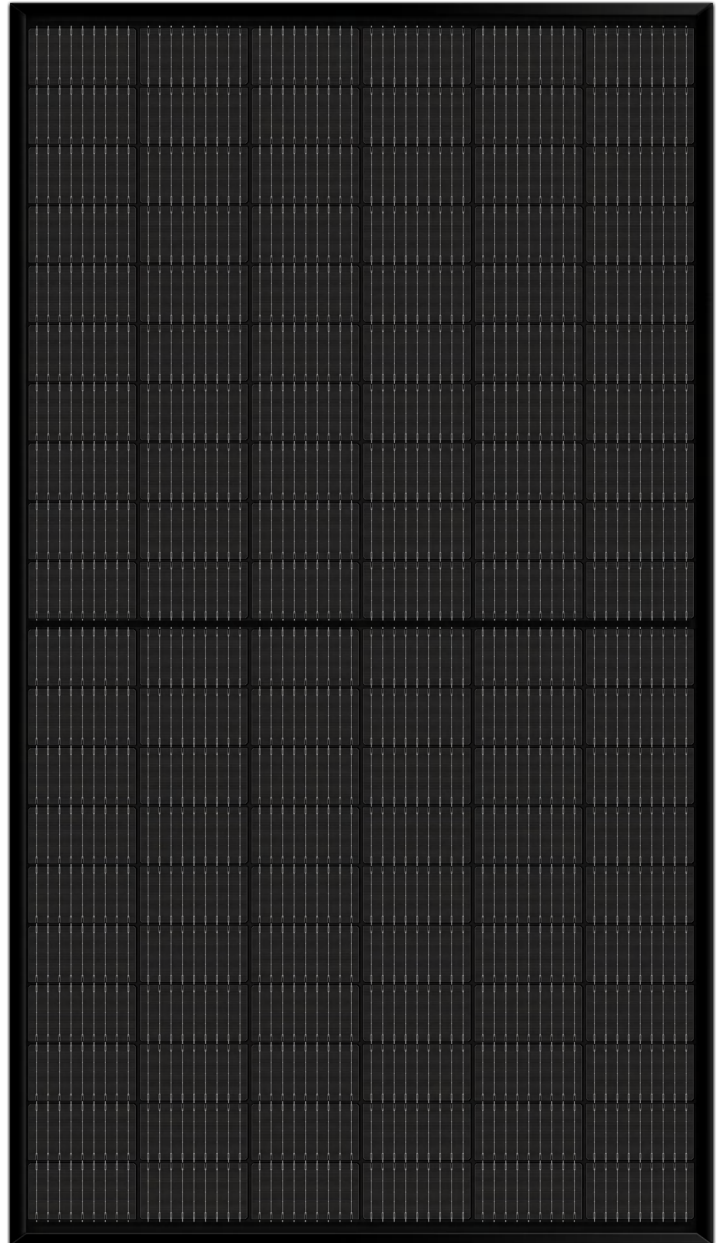
Better shading tolerance.

## MORE RELIABLE

Lower internal current, lower hot spot temperature.

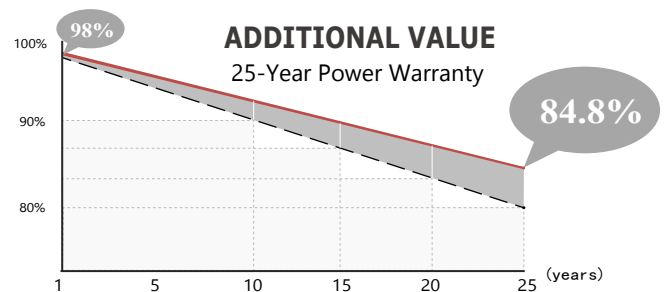
Cell crack risk limited in small region, enhance the module reliability.

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



**12** 12-year Product Warranty

**25** 25-year Linear Performance Warranty



AS365-390BM6-120

# 365-390W

Half-Cell High Efficiency PV Module

**Weight**

**20.5kgs±3%**

**Cells Type**

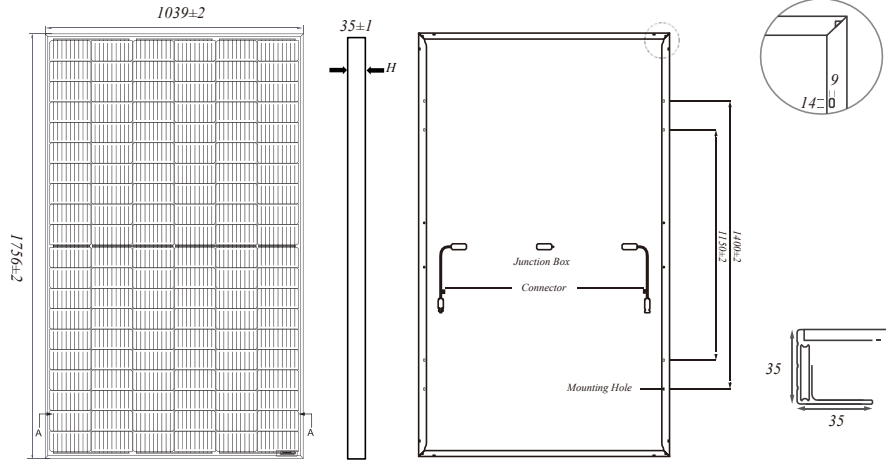
**Mono 166x83mm**

**Dimension(LxWxT)**

**1756±2mmx1039±2mmx35±1mm**

**Packaging**

**31pcs/pallet, 858pcs/40HQ container**



Front

Side

Back

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	AS365BM6-120		AS370BM6-120		AS375BM6-120		AS380BM6-120		AS385BM6-120		AS390BM6-120	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power(Pmax/W)	365	276	370	280	375	284	380	287	385	291	390	295
Open Circuit Voltage(Voc/V)	41.13	38.41	41.30	38.65	41.45	38.89	41.62	39.14	41.78	39.37	41.94	39.63
Short Circuit Current(Isc/A)	11.30	9.15	11.35	9.20	11.41	9.25	11.47	9.30	11.53	9.35	11.58	9.40
Voltage at Maximum Power(Vmp/V)	33.96	32.05	34.23	32.30	34.50	32.55	34.77	32.72	35.04	32.96	35.33	33.20
Current at Maximum Power(Imp/A)	10.75	8.61	10.81	8.66	10.87	8.71	10.93	8.78	10.99	8.83	11.04	8.88
Module Efficiency(%)	20.00		20.28		20.55		20.83		21.10		21.38	

**TEMPERATURE RATINGS**

Normal 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(AS365-390BM6-120)**

