

150~170W

AS150-170P-36

MORE POWER

UP TO 17.14% Maximize the light absorption area, module efficiency up to 17.14 %.

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

Better shading tolerance.

MORE RELIABLE

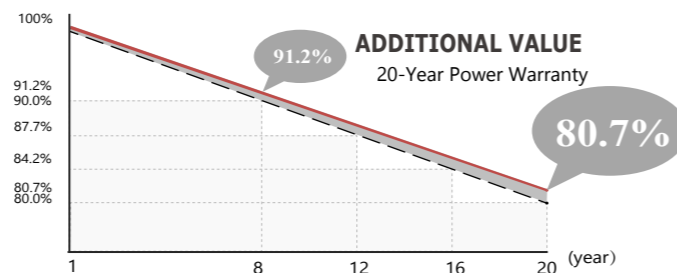
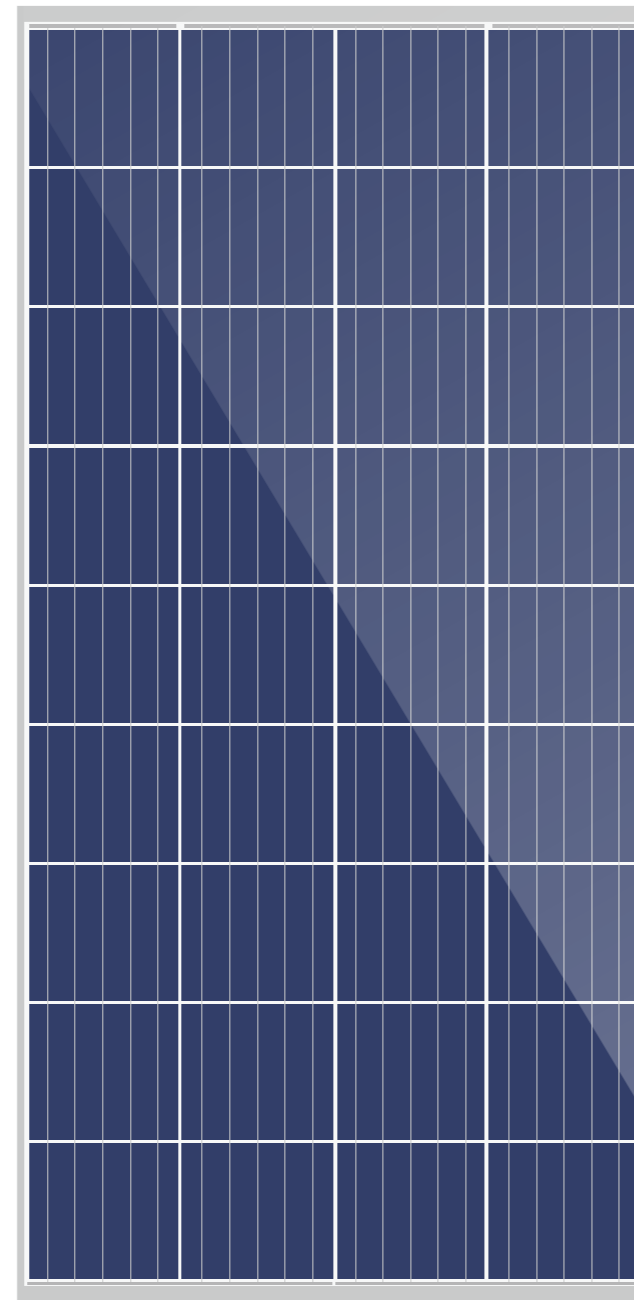
Lower internal current, lower hot spot temperature.

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

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

8 8-year Product Warranty

20 20-year Performance Warranty



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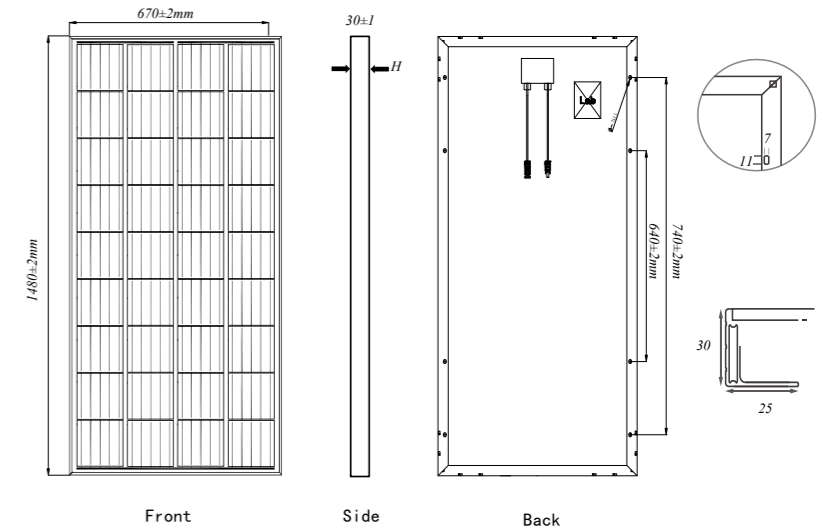
Full-Cell High Efficiency PV Module

Weight
10.5 kgs±3%

Cells Type
157x157

Dimension (LxWxT)
1480±2mmx670±2mmx30±1mm

Packaging
35pcs/pallet,1575pcs/40HQ container



Remark: customized frame color and cable length available upon request

MECHANICAL SPECIFICATION		OPERATING PARAMETERS	
Cells Type	Poly	Operating Temperature	-40°C ~ +85°C
No.of Cells	36(4x9)	Maximum System Voltage	1000VDC
Cable Length	900mm	Maximum Series Fuse	12A
Cable Cross Section Size	2.5mm ²	Maximum StaticLoad,Front	5400Pa(112lb/ft ²)
Junction Box	IP67, 2diodes	Maximum StaticLoad,Back	2400Pa(50lb/ft ²)
Connector	MC4 Compatible	Nominal Operating Cell Temperature (NOCT)	45±2°C

Module Type	STC:AM1.5 1000W/m ² 25°C NOCT:AM1.5 800W/m ² 20°C 1m/s Test uncertainty for Pmax ±3%									
	AS150P-36		AS155P-36		AS160P-36		AS165P-36		AS170P-36	
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power(Pmax/W)	150	112.3	155	116.0	160	119.8	165	123.5	170	127.3
Open Circuit Voltage(Voc/V)	22.14	20.73	22.39	20.97	22.63	21.20	22.88	21.43	23.12	21.66
Short Circuit Current(Isc/A)	8.92	7.20	9.11	7.36	9.30	7.52	9.49	7.67	9.68	7.82
Voltage at Maximum Power(Vmp/V)	18.00	16.44	18.20	16.63	18.40	16.81	18.60	16.99	18.80	17.17
Current at Maximum Power(Imp/A)	8.33	6.83	8.52	6.98	8.70	7.13	8.87	7.27	9.04	7.41
Module Efficiency(%)	15.13		15.63		16.14		16.64		17.14	

TEMPERATURE RATINGS	
Temperature Coefficient of Isc	+0.05%/°C
Temperature Coefficient of Voc	-0.27%/°C
Temperature Coefficient of Pmax	-0.35%/°C

