

270~295W

AS270-295P-60

MORE POWER

UP TO
18.13%

Maximize the light absorption area,
module efficiency up to 18.13%.

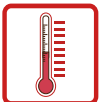


Low temperature coefficient (Pmax):
-0.35 % /°C.



Better shading tolerance.

MORE RELIABLE



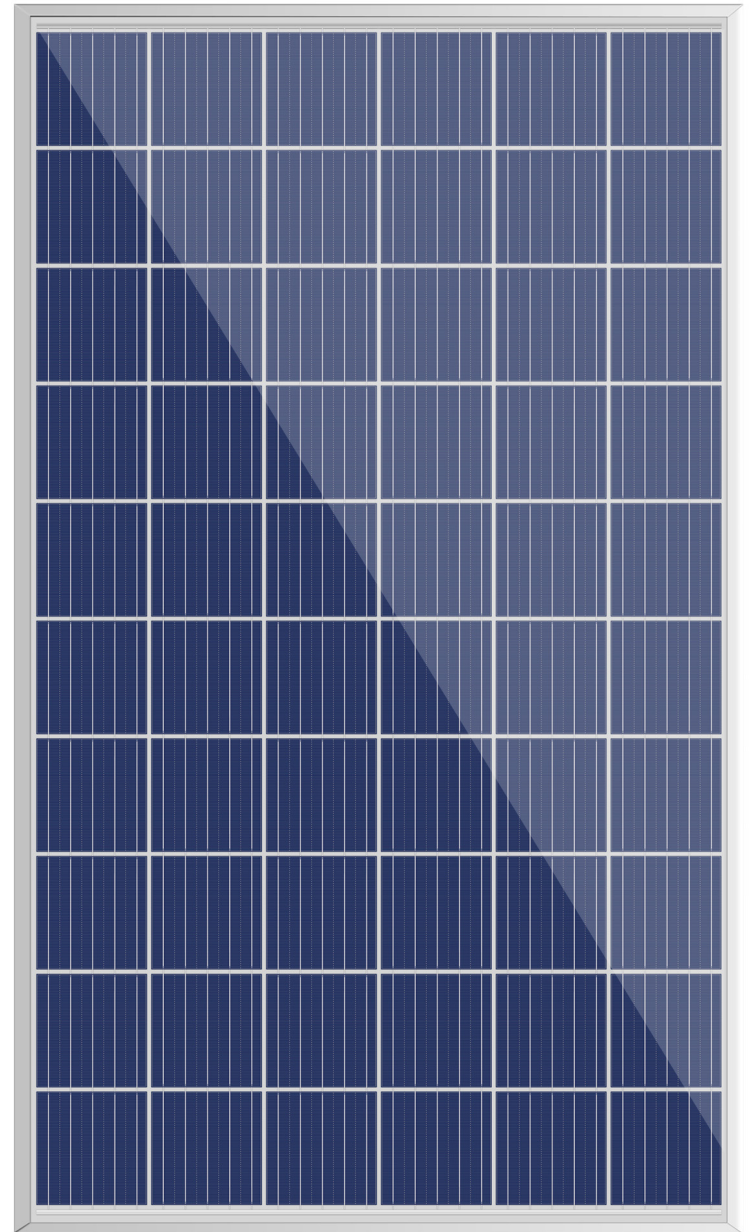
Lower internal current,
lower hot spot temperature.



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



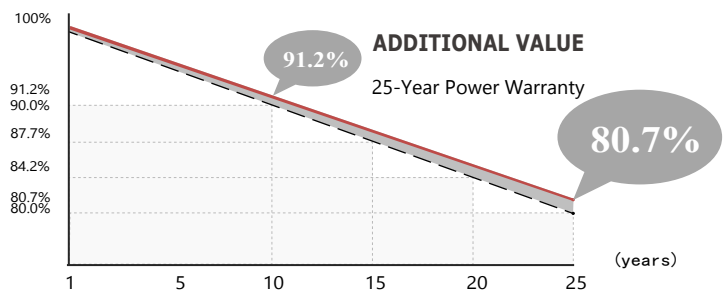
Heavy snow load up to 5400 Pa,
wind load up to 2400 Pa.



12-year Product Warranty



25-year Linear Performance Warranty



IEC61215, IEC61730, IEC61701, IEC62716, IEC62804

ISO 9001:2015: ISO Quality Management System

ISO 14001: 2015: ISO Environment Management System

AS270-295P-60

270-295W

Full-Cell High Efficiency PV Module

Weight

17.5kgs±3%

Cells Type

Poly-crystalline 156.75x156.75mm

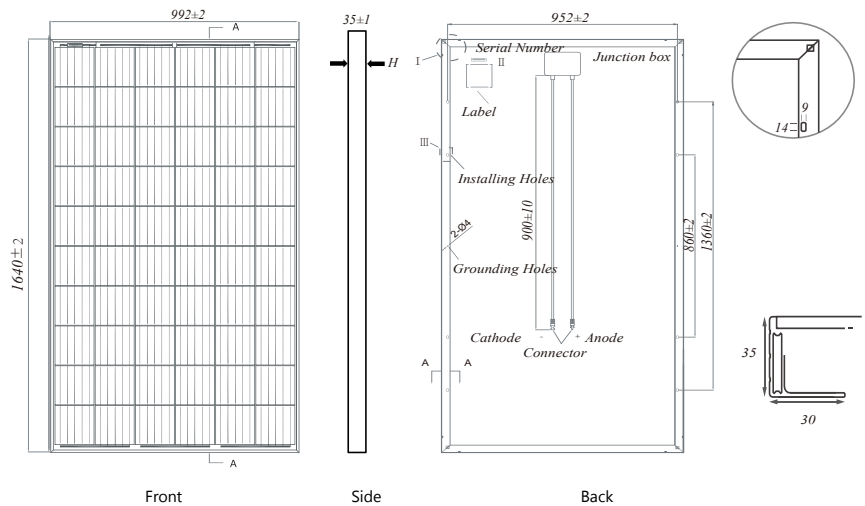
Dimension (LxWxT)

1640±2mmx992±2mmx35±1mm

Packaging

31pcs/pallet,938pcs/40HQ container

31pcs/pallet,372pcs/20GP container



Remark: customized frame color and cable length available upon request

MECHANICAL SPECIFICATION

No.of cells	60(6x10)
Front Glass	3.2mm, High Transmission, Low Iron, ARC Tempered Glass
Frame	Anodized Aluminium Alloy
Output Cables	4.0mm, Length:900mm
Junction Box	IP67 Rated
Connector	MC4 Compatible
Hailstone Impact Test	80Km/h for 25mm ice ball

OPERATING PARAMETERS

Operating Temperature	-40°C~+85°C
Maximum System Voltage	1000VDC(IEC)
Maximum Series Fuse	15A
Maximum StaticLoad,Front	5400Pa(112lb/ft ²)
Maximum StaticLoad,Back	2400Pa(50lb/ft ²)
Normal Operating Cell Temperature(NOCT)	45±2°C

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	AS270P-60		AS275P-60		AS280P-60		AS285P-60		AS290P-60		AS295P-60	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power(Pmax/W)	270	202.1	275	205.9	280	209.6	285	213.4	290	217.1	295	220.9
Open Circuit Voltage(Voc/V)	38.82	36.36	39.47	36.97	40.05	37.51	40.38	37.82	40.66	38.08	41.19	38.58
Short Circuit Current(Isc/A)	9.25	7.47	9.29	7.51	9.32	7.53	9.41	7.60	9.51	7.68	9.58	7.74
Voltage at Maximum Power(Vmp/V)	31.70	28.53	31.93	28.94	32.22	29.37	32.61	29.61	32.95	29.81	33.22	30.10
Current at Maximum Power(Imp/A)	8.52	7.08	8.61	7.11	8.69	7.14	8.74	7.21	8.80	7.28	8.88	7.34
Module Efficiency(%)	16.60%		16.90%		17.21%		17.52%		17.83%		18.13%	

TEMPERATURE RATINGS

Normal Operating Cell Temperature(NOCT)	45±2°C
Temperature Coefficient of Isc	+0.050%/°C
Temperature Coefficient of Voc	-0.270%/°C
Temperature Coefficient of Pmax	-0.350%/°C

I-V CURVE(AS270-295-60)

