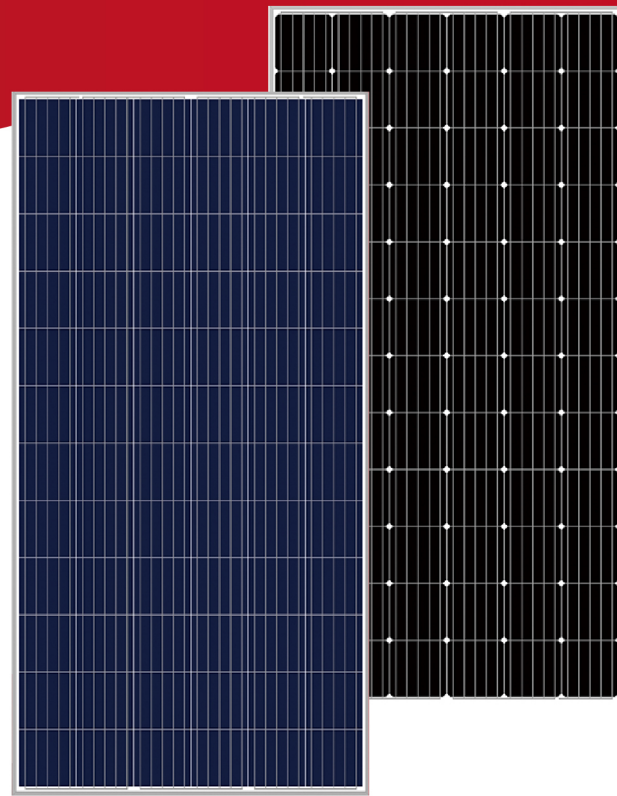


AMSO SOLAR

310-380W

standard 72 cells crystalline PV Module



Product Advantage

5 Busbar Solar Cell (157*157mm)
5 busbar solar cell adopts new technology to improve the efficiency of modules

High Voltage
UL and IEC 1500V certified; lowers BOS costs and yields better LCOE

High Efficiency
Higher module conversion efficiency (up to 20.37%) benefit from half cell structure (low resistance characteristic).

Low-light Performance
Advanced glass and cell surface textured design ensure excellent performance in low-light environment.

Durability Against Extreme Environmental Conditions
High salt mist and ammonia resistance certified by TUV NORD.

Severe Weather Resilience
Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).

Key Features

- Using high efficiency solar cells
- High quality junction box and connector systems
- 100% inspection to guarantee the reliability of solar systems



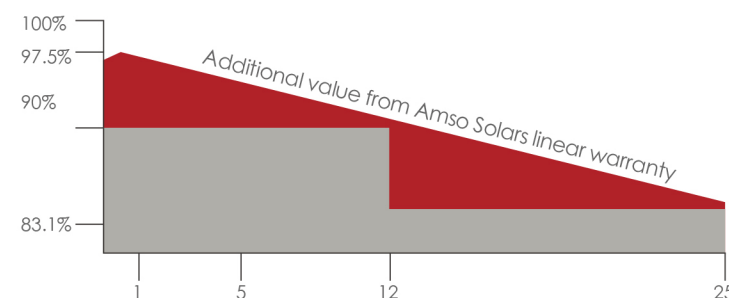
Technology

- Excellent performance in low-light environment
- High transmissivity, low-iron tempered glass

Linear performance warranty

12 YEAR Product Warranty
25 YEAR Linear Power Warranty

■ Linear Performance Warranty
■ Standard Performance Warranty



Mono Crystalline Essential Parameter

Model Type	Power(w)	Number of Cells	Dimensions(MM)	Weight(KG)	Vmp(v)	Imp (A)	Voc(v)	Isc(A)	Module Efficiency
AS350M6-72	350	72 (6*12)	1956*992*35	20.5	37.3	9.39	46.2	9.78	18.0%
AS360M6-72	360	72 (6*12)	1956*992*35	20.5	37.8	9.53	46.7	9.88	18.6%
AS370M6-72	370	72 (6*12)	1956*992*35	20.5	38.3	9.67	47.3	9.96	19.1%
AS380M6-72	380	72 (6*12)	1956*992*35	20.5	38.9	9.77	47.9	10.04	19.6%

Poly Crystalline Essential Parameter

Model Type	Power(w)	Number of Cells	Dimensions(MM)	Weight(KG)	Vmp(v)	Imp (A)	Voc(v)	Isc(A)	Module Efficiency
AS310-72	310	72 (6*12)	1956*992*35	20.5	36.4	8.52	45.2	9.08	16.0%
AS320-72	320	72 (6*12)	1956*992*35	20.5	36.8	8.70	45.8	9.19	16.5%
AS330-72	330	72 (6*12)	1956*992*35	20.5	37.4	8.83	46.2	9.34	17.0%
AS340-72	340	72 (6*12)	1956*992*35	20.5	37.7	9.02	46.5	9.50	17.5%

Temperature Rating

Rated battery operating temperature	45±2℃
Maximum power temperature coefficient	-0.4%/℃
Open circuit voltage temperature coefficient	-0.29%/℃
Short circuit current temperature coefficient	-0.05%/℃

Limit parameter

Operating temperature	-40+85℃
Maximum system voltage	1000/1500VDC
Maximum fuse rated current	15A

*Standard test conditions:measured values(atmosphirc mass AM.5,irradiance 1000W/m2,battery temperature 25℃)

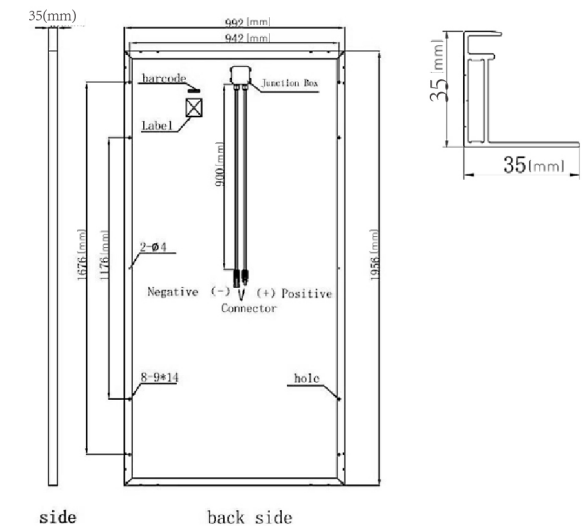
Mechanical Characteristics

Front	Glass 3.2mm tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP67/IP68 rated
Connectors	MC4 compatible

Packing Configuration

Container	20'GP	40'GP
Pieces per pallet	27&36	27&33
Pallets per container	10	24
Pieces per container	334	816

Mechanical Drawings



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