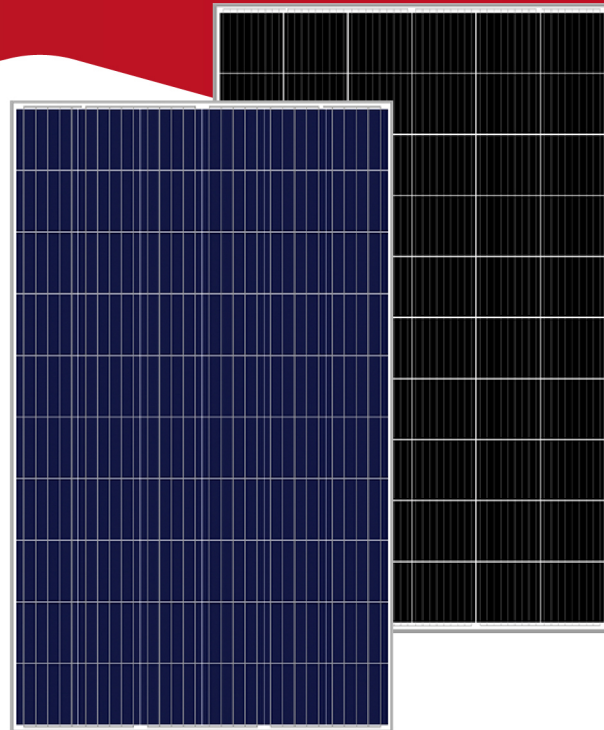


AMSO SOLAR

275-330W

standard 60 cells crystalline PV Module



Product Advantage

5&9 Busbar Solar Cell (158.75*158.75mm)
5&9 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

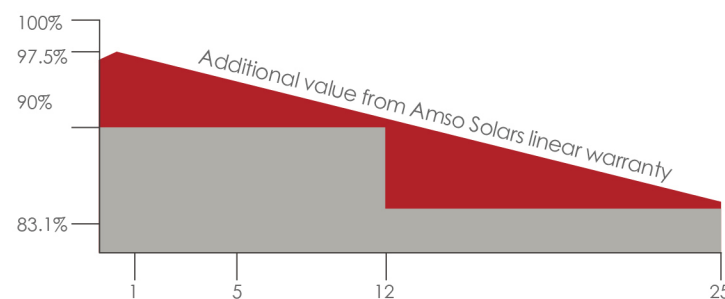


Technology

- 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
AS320M6-60	320	60 (6*10)	1665*1002*35	18.5	32.4	9.88	39.9	10.15	19.2%
AS330M6-60	330	60 (6*10)	1665*1002*35	18.5	32.8	10.07	40.3	10.37	19.8%

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
AS275M6-60	275	60 (6*10)	1665*1002*35	18.5	29.9	9.20	37.6	9.75	16.5%
AS280M6-60	280	60 (6*10)	1665*1002*35	18.5	31.2	8.97	37.8	9.75	16.8%
AS285M6-60	285	60 (6*10)	1665*1002*35	18.5	31.3	9.11	38.1	9.71	17.1%
AS290M6-60	290	60 (6*10)	1665*1002*35	18.5	31.5	9.21	38.3	9.73	17.4%

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℃)

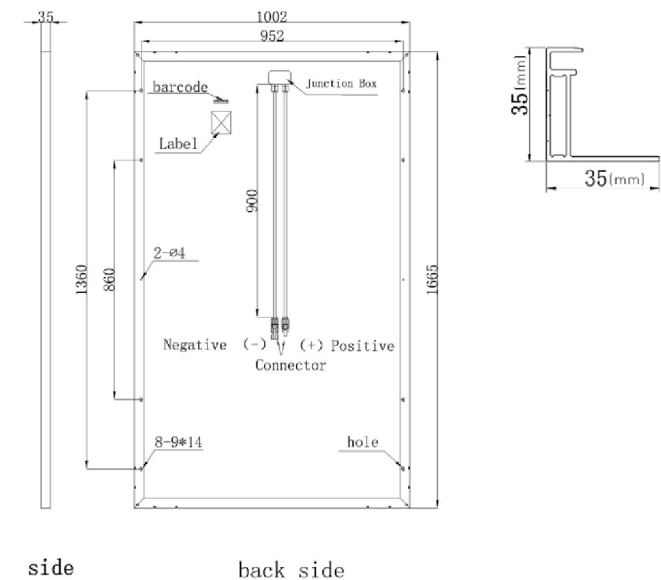
Mechanical Characteristics

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	30	30&36
Pallets per container	13	28
Pieces per container	388	924

Mechanical Drawings



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