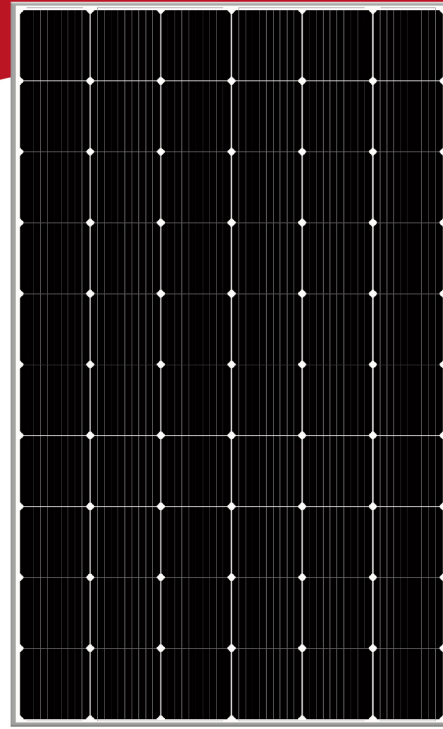


AMSO SOLAR

9BB MONO 345-370W

solar panel with 60 cells 166MM solar cells



Product Advantage

9 Busbar Solar Cell (166*166mm)
9busbar 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

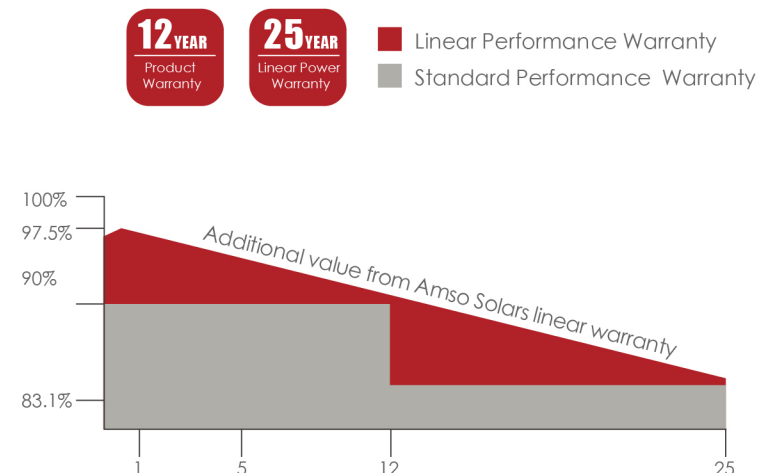
- Using high efficiency solar cells
- High quality junction box and connector systems
- 100% inspection to guarantee the reliability of solar systems



Technology

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

Linear performance warranty



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
AS-345M	345	60 (6*10)	1730*1038*35	20	33.5	10.30	39.9	11.68	19.2%
AS-350M	350	60 (6*10)	1730*1038*35	20	34.1	10.27	40.3	11.75	19.4%
AS-355M	355	60 (6*10)	1730*1038*35	20	34.4	10.31	40.4	11.86	19.7%
AS-360M	360	60 (6*10)	1730*1038*35	20	34.7	10.37	40.6	11.98	20.0%
AS-365M	365	60 (6*10)	1730*1038*35	20	35.1	10.40	40.8	12.09	20.3%
AS-370M	370	60 (6*10)	1730*1038*35	20	35.2	10.46	41.0	12.20	20.6%

Temperature Rating

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

Limit parameter

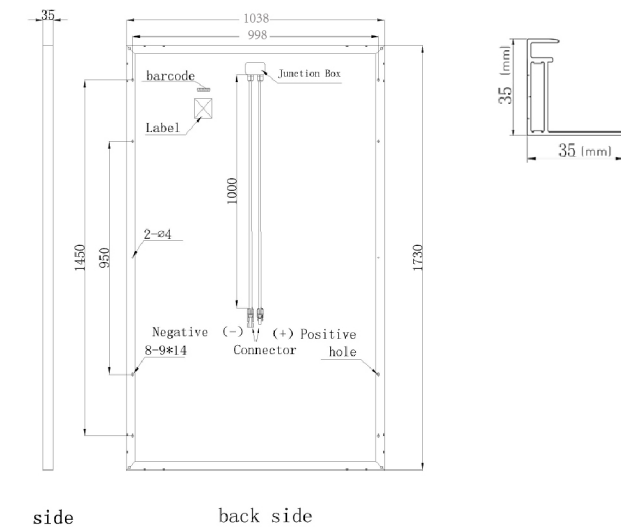
Operating temperature	-40+85°C
Maximum system voltage	1000/1500VDC
Maximum fuse rated current	25A

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

Mechanical Characteristics

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

Mechanical Drawings



Packing Configuration

Container	20'GP	40'GP
Pieces per pallet	30&34	
Pallets per container	26	
Pieces per container	336	832

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