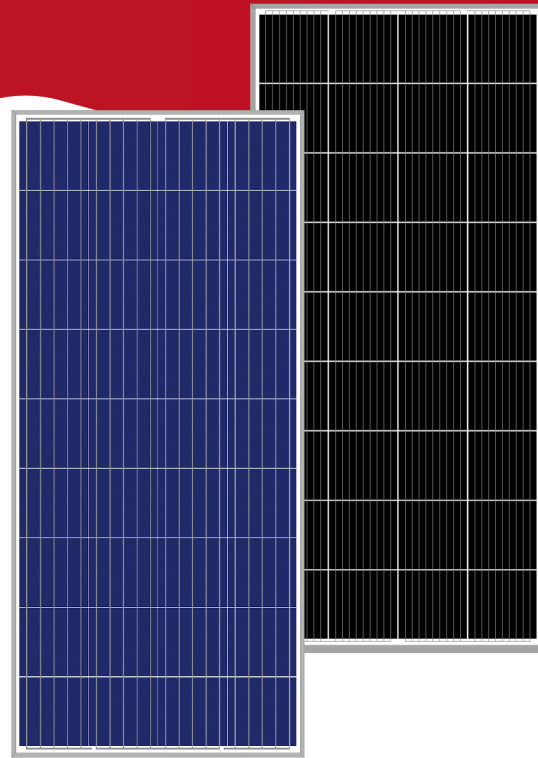


AMSO SOLAR

150-200W

standard 36 cells crystalline PV Module



Product Advantage

5&9 Busbar Solar Cell
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

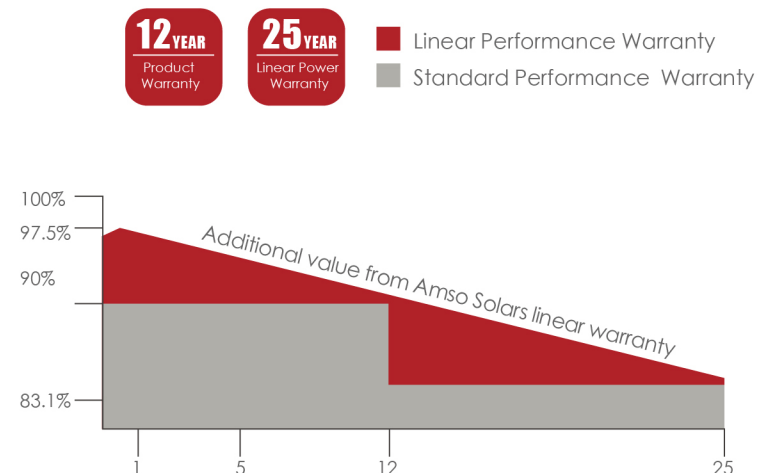
- Using high efficiency solar cells
- High quality junction box and connector systems
- 100% inspection to guarantee the reliability of solar systems



Technology

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

Linear performance warranty



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
AS160M6-36	160	36 (4*9)	1480*670*35	11	18.2	8.80	22.3	9.57	16.1%
AS170M6-36	170	36 (4*9)	1480*670*35	11	18.5	9.19	22.8	9.75	17.1%
AS180M6-36	180	36 (4*9)	1480*670*35	11	19.0	9.48	23.5	9.82	18.2%
AS190M6-36	190	36 (4*9)	1480*670*35	11	19.4	9.80	23.8	10.17	19.2%
AS200M6-36	200	36 (4*9)	1480*670*35	11	19.8	10.1	24.1	10.51	20.2%

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
AS150-36	150	36 (4*9)	1480*670*35	11	18.0	8.34	22.2	9.01	15.1%
AS155-36	155	36 (4*9)	1480*670*35	11	18.2	8.52	22.4	9.17	15.6%
AS160-36	160	36 (4*9)	1480*670*35	11	18.4	8.70	22.6	9.32	16.1%
AS165-36	165	36 (4*9)	1480*670*35	11	18.7	8.83	22.8	9.46	16.6%
AS170-36	170	36 (4*9)	1480*670*35	11	19.1	8.91	23.2	9.52	17.1%

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℃)

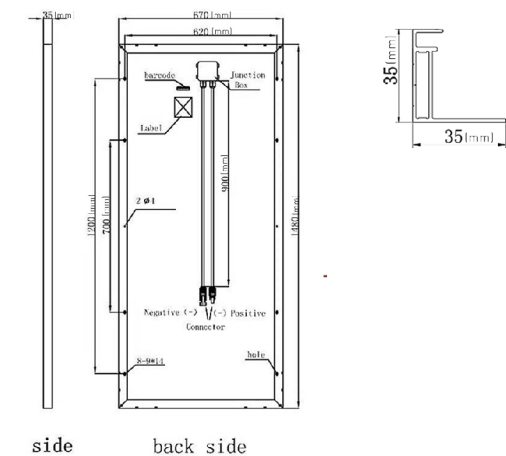
Mechanical Characteristics

Front	Glass 3.2mm tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP65/IP67 rated
Connectors	MC4 compatible

Packing Configuration

Container	20'GP	40'GP
Pieces per pallet	30&44	30
Pallets per container	14	45
Pieces per container	518	1350

Mechanical Drawings



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