

AMSO SOLAR

150—170W

Standard 36 Cells Crystalline PV Module



Product Feature



5 Busbar Solar Cell

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



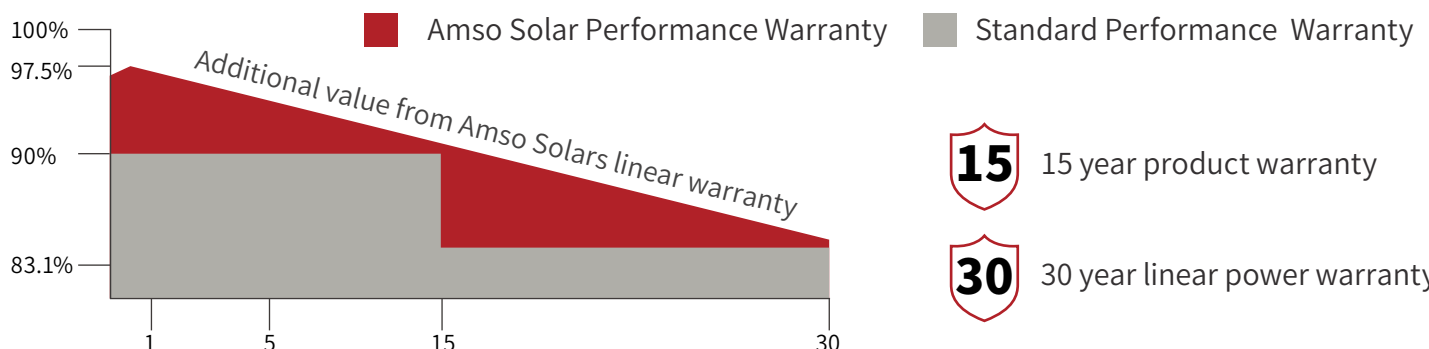
Durability of extreme conditions

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).



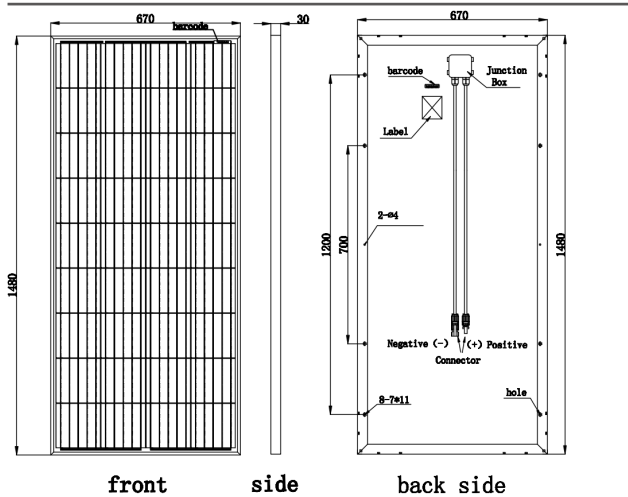
Mono Crystalline Essential Parameter (STC 1000W/M Module Temperature 25°C A.M.1.5)

Model Type	AS150P36	AS155P36	AS160P36	AS165P36	AS170P36
Power(w)	150	155	160	165	170
Number of Cells	36 (4*9)	36 (4*9)	36 (4*9)	36 (4*9)	36 (4*9)
Dimensions(MM)	1480*670*30	1480*670*30	1480*670*30	1480*670*30	1480*670*30
Weight(KG)	11	11	11	11	11
Vmp(v)	18.0	18.2	18.4	18.7	19.1
Imp (A)	8.34	8.52	8.70	8.83	8.91
Voc(v)	21.2	22.4	22.6	22.8	23.2
Isc(A)	9.01	9.17	9.32	9.46	9.52
Module Efficiency	15.1%	15.6%	16.1%	16.6%	17.1%

Mono Crystalline Essential Parameter (NOCT 800W/M Environment Temperature 20°C A.M.1.5)

Model Type	AS150P36	AS155P36	AS160P36	AS165P36	AS170P36
Power(w)	115.24	119.08	122.92	126.76	130.60
Number of Cells	36 (4*9)	36 (4*9)	36 (4*9)	36 (4*9)	36 (4*9)
Dimensions(MM)	1480*670*30	1480*670*30	1480*670*30	1480*670*30	1480*670*30
Weight(KG)	11	11	11	11	11
Vmp(v)	16.41	16.59	16.77	17.05	17.41
Imp (A)	7.02	7.18	7.33	7.44	7.50
Voc(v)	20.48	20.66	20.84	21.03	21.40
Isc(A)	7.66	7.79	7.92	8.04	8.09
Module Efficiency	15.1%	15.6%	16.1%	16.6%	17.1%

Mechanical Drawings



Mechanical Characteristics

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

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	15A

Packing Configuration

Container	20'GP	40'GP
Pallets per container	14	48
Pieces per container	616	1728

CONTACT INFORMATION

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CONTACT US!