

AMISO SOLAR

150—200W

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



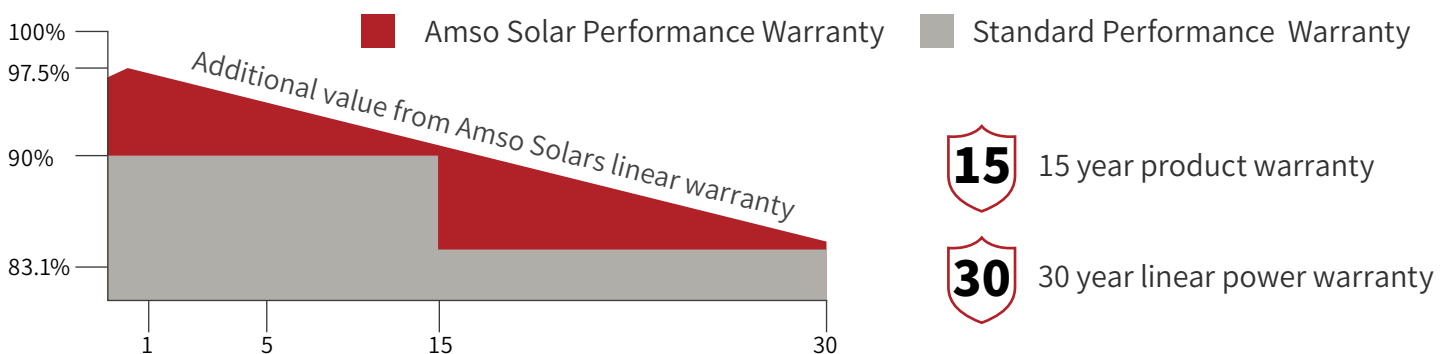
Durability of extreme conditions

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).



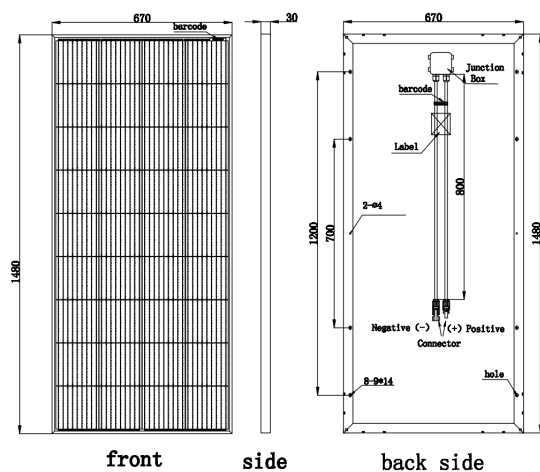
Mono Crystalline Essential Parameter (STC 1000W/M Module Temperature 25°C A.M.1.5)

Model Type	AS150M6	AS160M6	AS170M6	AS180M6	AS190M6	AS200M6
Power(w)	150	160	170	180	190	200
Number of Cells	36 (4*9)	36 (4*9)	36 (4*9)	36 (4*9)	36 (4*9)	36 (4*9)
Dimensions(MM)	1480*670*35	1480*670*35	1480*670*35	1480*670*35	1480*670*35	1480*670*35
Weight(KG)	11	11	11	11	11	11
Vmp(v)	18.0	18.2	18.5	19.0	19.4	19.8
Imp (A)	8.84	8.80	9.19	9.48	9.80	10.10
Voc(v)	21.8	22.3	22.8	23.5	23.8	24.1
Isc(A)	9.18	9.57	9.75	9.82	10.17	10.51
Module Efficiency	15.1%	16.1%	17.1%	18.2%	19.2%	20.2%

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

Model Type	AS150M6	AS160M6	AS170M6	AS180M6	AS190M6	AS200M6
Power(w)	115.24	122.92	130.60	138.28	145.96	153.65
Number of Cells	36 (4*9)	36 (4*9)	36 (4*9)	36 (4*9)	36 (4*9)	36 (4*9)
Dimensions(MM)	1480*670*35	1480*670*35	1480*670*35	1480*670*35	1480*670*35	1480*670*35
Weight(KG)	11	11	11	11	11	11
Vmp(v)	16.41	16.59	16.86	17.32	17.69	18.05
Imp (A)	7.02	7.41	7.74	7.98	8.25	8.51
Voc(v)	20.11	20.57	21.03	21.67	21.95	22.23
Isc(A)	7.80	8.13	8.28	8.35	8.64	8.93
Module Efficiency	15.1%	16.1%	17.1%	18.2%	19.2%	20.2%

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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