

AMISO SOLAR

305—350W

Standard 72 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



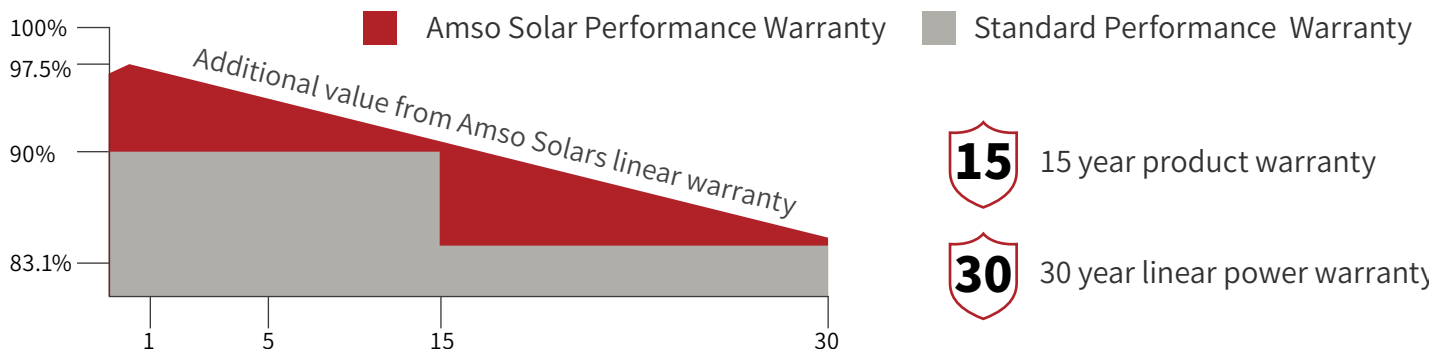
Durability of extreme conditions

High salt mist and ammonia resistance certified by TÜV NORD



Severe Weather Resilience

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



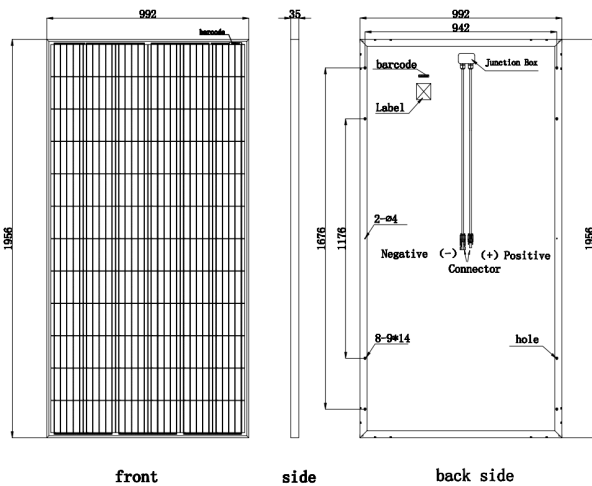
Mono Crystalline Essential Parameter (STC 1000W/M Module Temperature 25°C A.M.1.5)

Model Type	AS305P-72	AS310P-72	AS320P-72	AS330P-72	AS340P-72	AS350P-72
Power(w)	305	310	320	330	340	350
Number of Cells	72 (6*12)	72 (6*12)	72 (6*12)	72 (6*12)	72 (6*12)	72 (6*12)
Dimensions(MM)	1956*992*35	1956*992*35	1956*992*35	1956*992*35	1956*992*35	1956*992*35
Weight(KG)	20.5	20.5	20.5	20.5	20.5	20.5
Vmp(v)	36.3	36.4	36.8	37.4	37.7	37.9
Imp (A)	8.41	8.52	8.70	8.83	9.02	9.23
Voc(v)	45.1	45.2	45.8	46.2	46.5	46.7
Isc(A)	9.02	9.08	9.19	9.34	9.50	9.99
Module Efficiency	15.7%	16.0%	16.5%	17.0%	17.5%	18.0%

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

Model Type	AS305P-72	AS310P-72	AS320P-72	AS330P-72	AS340P-72	AS350P-72
Power(w)	234.31	238.15	245.84	253.52	261.20	268.88
Number of Cells	72 (6*12)	72 (6*12)	72 (6*12)	72 (6*12)	72 (6*12)	72 (6*12)
Dimensions(MM)	1956*992*35	1956*992*35	1956*992*35	1956*992*35	1956*992*35	1956*992*35
Weight(KG)	20.5	20.5	20.5	20.5	20.5	20.5
Vmp(v)	33.09	33.18	33.55	34.09	34.37	34.55
Imp (A)	7.08	7.18	7.33	7.44	7.60	7.78
Voc(v)	41.64	41.74	42.29	42.66	42.94	43.12
Isc(A)	7.67	7.72	7.81	7.94	8.07	8.49
Module Efficiency	15.7%	16.0%	16.5%	17.0%	17.5%	18.0%

Mechanical Drawings



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

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
Pallets per container	10	24
Pieces per container	294	720

CONTACT INFORMATION

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