

AMSO SOLAR

345—400W

Standard 60 Cells Crystalline PV Module



Product Feature



9 Busbar Solar Cell

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



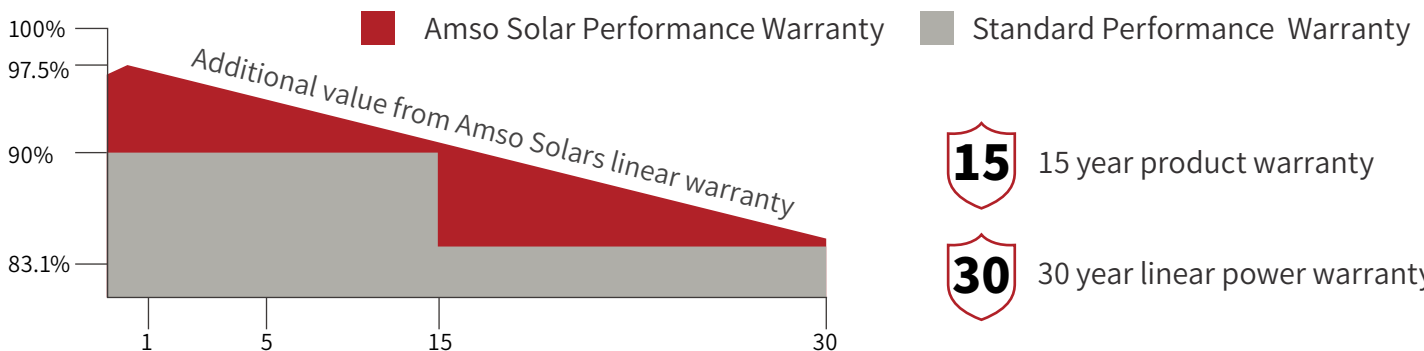
Durability of extreme conditions

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).



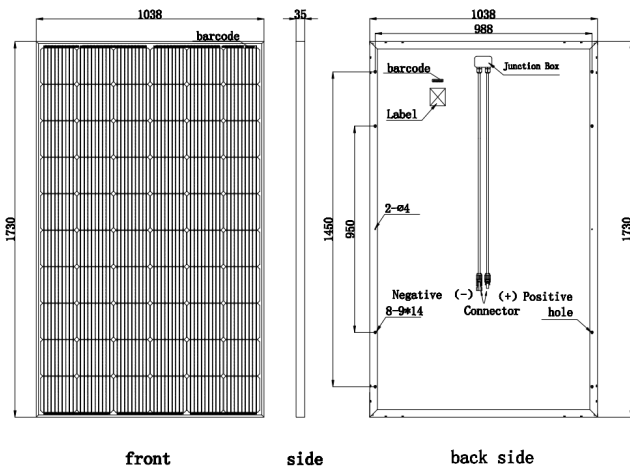
Mono Crystalline Essential Parameter (STC 1000W/M Module Temperature 25°C A.M.1.5)

Model Type	AS345-60	AS350-60	AS360-60	AS370-60	AS380-60	AS390-60
Power(w)	345	350	360	370	380	390
Number of Cells	60 (6*10)	60 (6*10)	60 (6*10)	60 (6*10)	60 (6*10)	60 (6*10)
Dimensions(MM)	1730*1038*35	1730*1038*35	1730*1038*35	1730*1038*35	1730*1038*35	1730*1038*35
Weight(KG)	20	20	20	20	20	20
Vmp(v)	33.5	34.1	34.7	35.4	35.5	35.6
Imp (A)	10.30	10.27	10.36	10.45	10.70	10.96
Voc(v)	39.9	40.3	40.6	41.0	41.1	41.2
Isc(A)	11.68	11.75	11.98	12.20	12.49	12.62
Module Efficiency	19.2%	19.5%	20.0%	20.6%	21.2%	21.7%

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

Model Type	AS345-60	AS350-60	AS360-60	AS370-60	AS380-60	AS390-60
Power(w)	265.04	268.88	276.56	284.25	291.93	299.61
Number of Cells	60 (6*10)	60 (6*10)	60 (6*10)	60 (6*10)	60 (6*10)	60 (6*10)
Dimensions(MM)	1730*1038*35	1730*1038*35	1730*1038*35	1730*1038*35	1730*1038*35	1730*1038*35
Weight(KG)	20	20	20	20	20	20
Vmp(v)	30.54	31.07	31.67	32.27	32.36	32.45
Imp (A)	8.68	8.65	8.73	8.81	9.02	9.23
Voc(v)	36.84	37.17	37.51	37.84	37.95	38.04
Isc(A)	9.93	9.99	10.18	10.37	10.62	10.73
Module Efficiency	19.2%	19.5%	20.0%	20.6%	21.2%	21.7%

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	20A

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	12	26
Pieces per container	342-366	858

CONTACT INFORMATION

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CONTACT US!