

# AMSO SOLAR

345—380W

Solar panel with 120cells 166MM solar cells



## 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



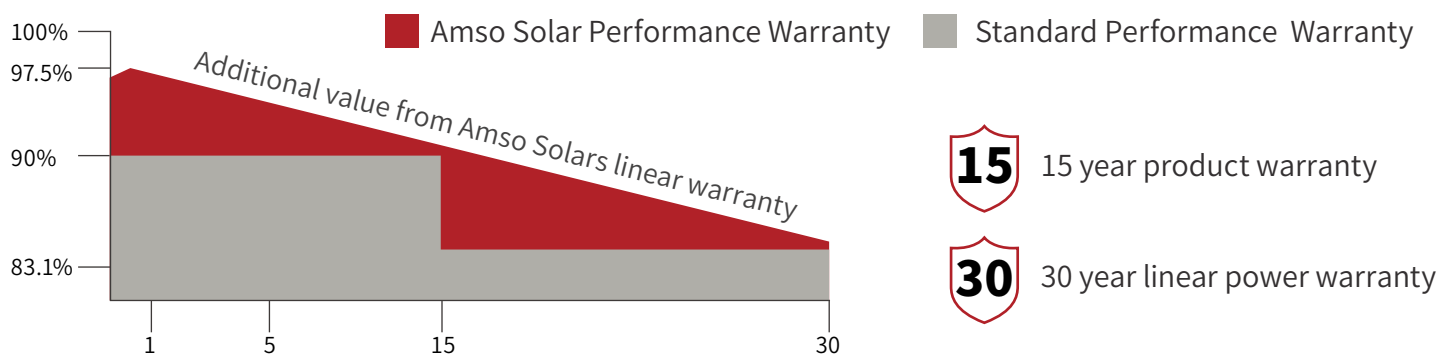
### Durability of extreme conditions

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).



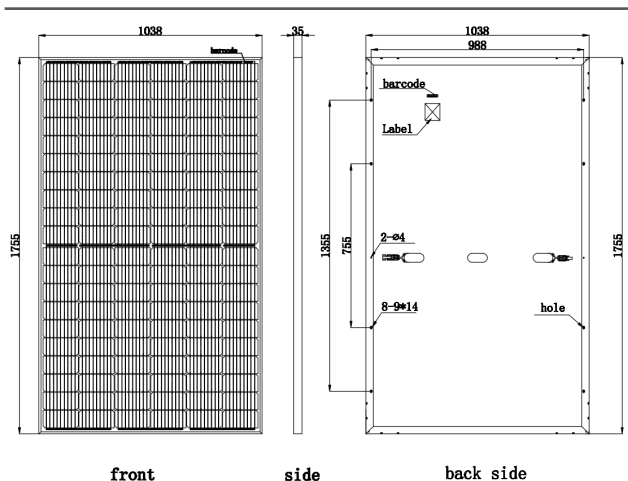
### Mono Crystalline Essential Parameter (STC 1000W/M<sup>2</sup> Cell Temperature 25°C AM=1.5)

Model Type	AS345S7	AS350S7	AS360S7	AS370S7	AS380S7
Power(w)	345	350	360	370	380
Number of Cells	120 (6*20)	120 (6*20)	120 (6*20)	120 (6*20)	120 (6*20)
Dimensions(MM)	1755*1038*35	1755*1038*35	1755*1038*35	1755*1038*35	1755*1038*35
Weight(KG)	19.5	19.5	19.5	19.5	19.5
Vmp(v)	33.0	33.5	34.0	34.4	34.8
Imp (A)	10.46	10.45	10.60	10.77	10.92
Voc(v)	40.0	40.2	40.6	41.1	41.6
Isc(A)	10.99	11.19	11.53	11.70	11.85
Module Efficiency	18.9%	19.2%	19.7%	20.3%	20.8%

### Mono Crystalline Essential Parameter (NOCT 800W/M<sup>2</sup> Ambient Temperature 20°C AM=1.5)

Model Type	AS345S7	AS350S7	AS360S7	AS370S7	AS380S7
Power(w)	265.04	268.88	276.56	284.25	291.93
Number of Cells	120 (6*20)	120 (6*20)	120 (6*20)	120 (6*20)	120 (6*20)
Dimensions(MM)	1755*1038*35	1755*1038*35	1755*1038*35	1755*1038*35	1755*1038*35
Weight(KG)	19.5	19.5	19.5	19.5	19.5
Vmp(v)	30.06	30.54	30.96	31.31	31.72
Imp (A)	8.82	8.80	8.93	9.08	9.20
Voc(v)	36.91	37.07	37.46	37.89	38.36
Isc(A)	9.34	9.51	9.80	9.95	10.07
Module Efficiency	18.9%	19.2%	19.7%	20.3%	20.8%

### 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	IP68 rated
Connectors	MC4 compatible

### Packing Configuration

Container	20GP	40GP
Pallets per container	12	26
Pieces per container	342-366	858

## CONTACT INFORMATION

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**CONTACT US!**