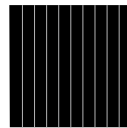


AMISO SOLAR

250—320W

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



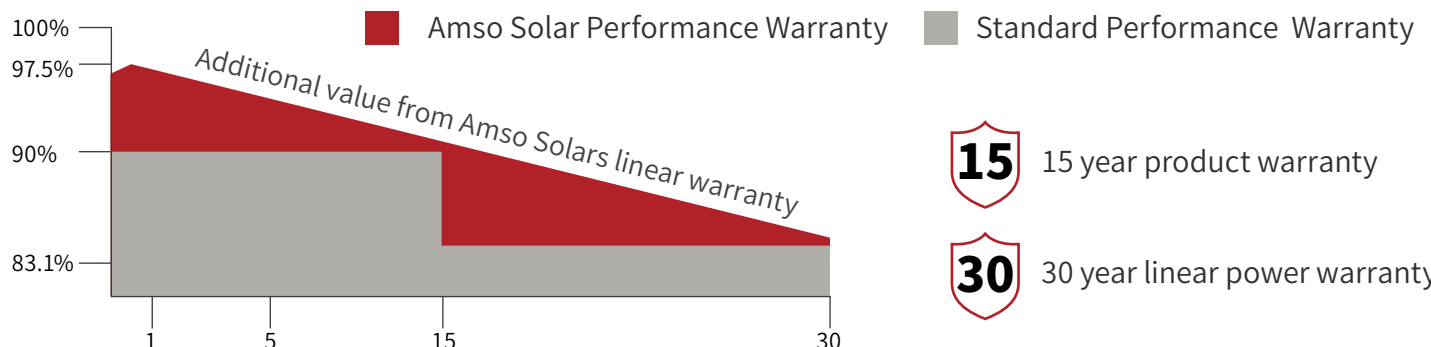
Durability of extreme conditions

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).



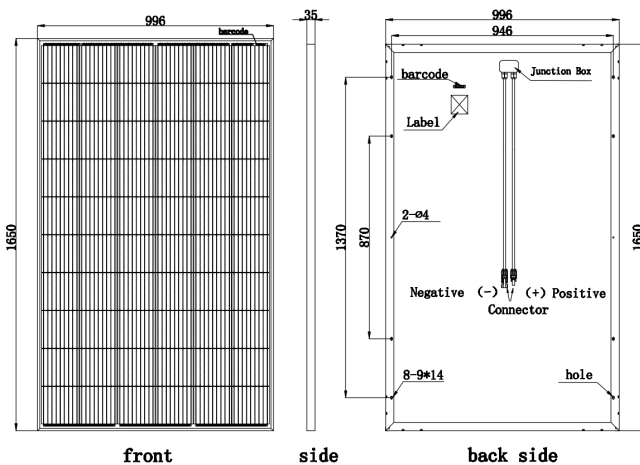
Mono Crystalline Essential Parameter (STC 1000W/M Module Temperature 25°C A.M.1.5)

Model Type	AS250M6	AS270M6	AS290M6	AS300M6	AS310M6	AS320M6
Power(w)	250	270	290	300	310	320
Number of Cells	60 (6*10)	60 (6*10)	60 (6*10)	60 (6*10)	60 (6*10)	60 (6*10)
Dimensions(MM)	1650*992*35	1650*992*35	1650*992*35	1650*992*35	1650*992*35	1650*992*35
Weight(KG)	18	18	18	18	18	18
Vmp(v)	30.0	30.6	31.1	31.4	31.8	32.2
Imp (A)	8.34	8.83	9.33	9.56	9.75	9.94
Voc(v)	36.3	37.1	38.6	39.0	39.4	39.8
Isc(A)	9.31	9.83	9.76	9.86	10.02	10.18
Module Efficiency	15.4%	16.6%	17.8%	18.4%	19.1%	19.7%

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

Model Type	AS250M6	AS270M6	AS290M6	AS300M6	AS310M6	AS320M6
Power(w)	192.06	207.42	222.79	230.47	238.15	245.84
Number of Cells	60 (6*10)	60 (6*10)	60 (6*10)	60 (6*10)	60 (6*10)	60 (6*10)
Dimensions(MM)	1650*992*35	1650*992*35	1650*992*35	1650*992*35	1650*992*35	1650*992*35
Weight(KG)	18	18	18	18	18	18
Vmp(v)	27.35	27.89	28.35	28.62	28.99	29.35
Imp (A)	7.02	7.44	7.86	8.05	8.22	8.37
Voc(v)	33.48	34.22	35.60	35.97	36.34	36.71
Isc(A)	7.91	8.36	8.29	8.38	8.52	8.65
Module Efficiency	15.4%	16.6%	17.8%	18.4%	19.1%	19.7%

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	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	12	28
Pieces per container	372-408	952

CONTACT INFORMATION

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