

AMISO SOLAR

260—280W

Standard 60 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



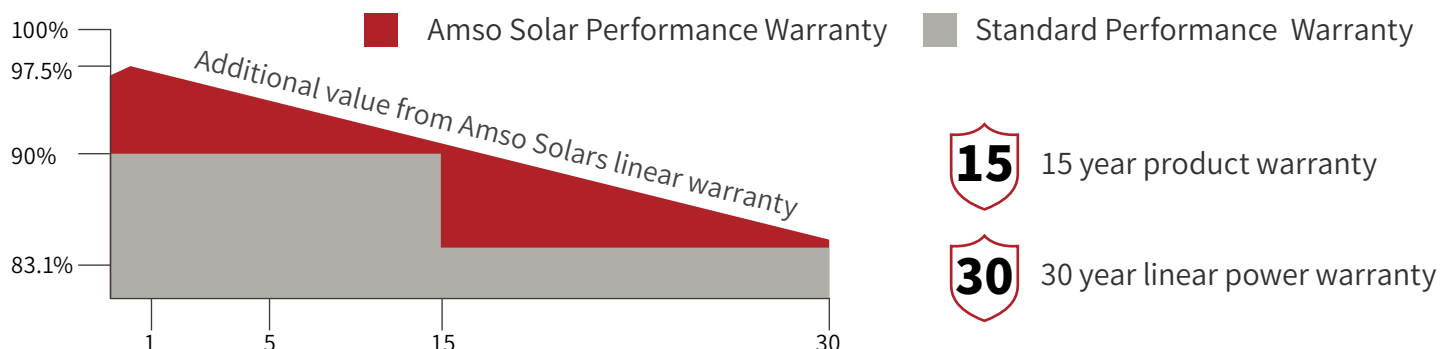
Durability of extreme conditions

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).



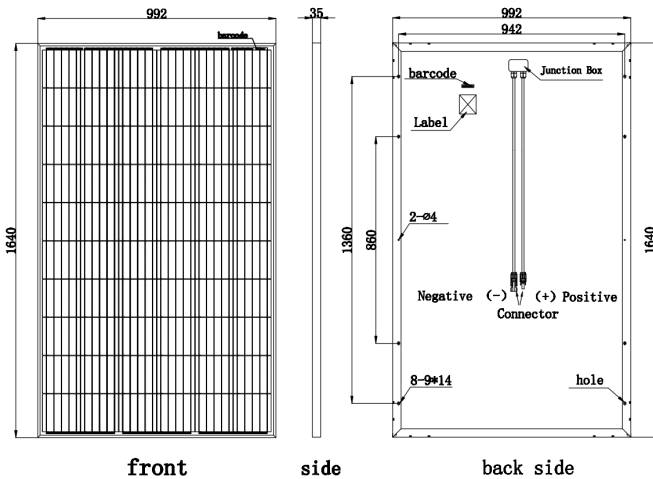
Mono Crystalline Essential Parameter (STC 1000W/M Module Temperature 25°C A.M.1.5)

Model Type	AS260P60	AS265P60	AS270P60	AS275P60	AS280P60
Power(w)	260	265	270	275	280
Number of Cells	60 (6*10)	60 (6*10)	60 (6*10)	60 (6*10)	60 (6*10)
Dimensions(MM)	1640*992*35	1640*992*35	1640*992*35	1640*992*35	1640*992*35
Weight(KG)	18	18	18	18	18
Vmp(v)	30.3	30.6	30.9	31.2	31.5
Imp (A)	8.59	8.67	8.74	8.82	8.89
Voc(v)	37.4	37.7	38.0	38.3	38.6
Isc(A)	9.15	9.21	9.29	9.32	9.42
Module Efficiency	16.0%	16.3%	16.6%	16.9%	17.2%

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

Model Type	AS260P60	AS265P60	AS270P60	AS275P60	AS280P60
Power(w)	199.74	203.58	207.42	211.26	215.11
Number of Cells	60 (6*10)	60 (6*10)	60 (6*10)	60 (6*10)	60 (6*10)
Dimensions(MM)	1640*992*35	1640*992*35	1640*992*35	1640*992*35	1640*992*35
Weight(KG)	18	18	18	18	18
Vmp(v)	27.62	27.89	28.17	28.44	28.72
Imp (A)	7.23	7.30	7.36	7.43	7.49
Voc(v)	34.49	34.77	35.05	35.32	35.60
Isc(A)	7.78	7.83	7.89	7.93	8.01
Module Efficiency	16.0%	16.3%	16.6%	16.9%	17.2%

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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CONTACT US!