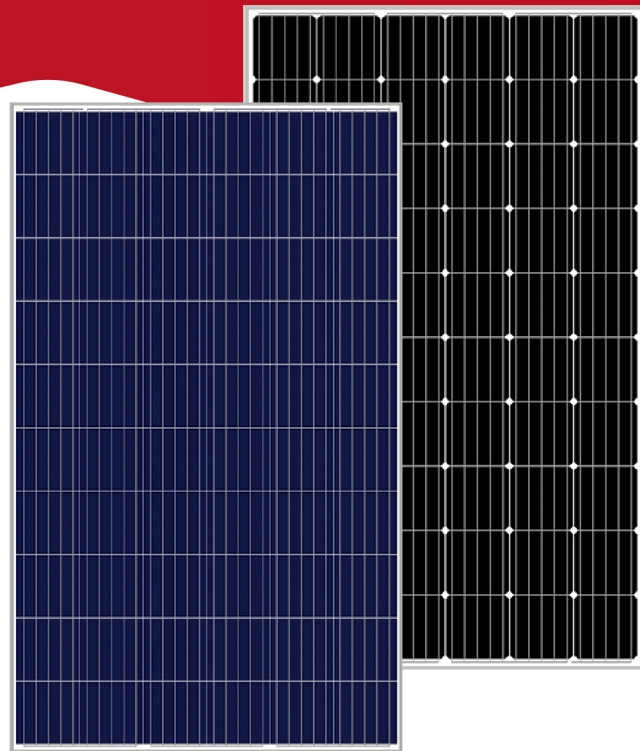


AMSO SOLAR

260-320W

standard 60 cells crystalline PV Module



Product Advantage

5 Busbar Solar Cell (157*157mm)
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 Against Extreme Environmental 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).

Key Features

- Using high efficiency solar cells
- High quality junction box and connector systems
- 100% inspection to guarantee the reliability of solar systems



Technology

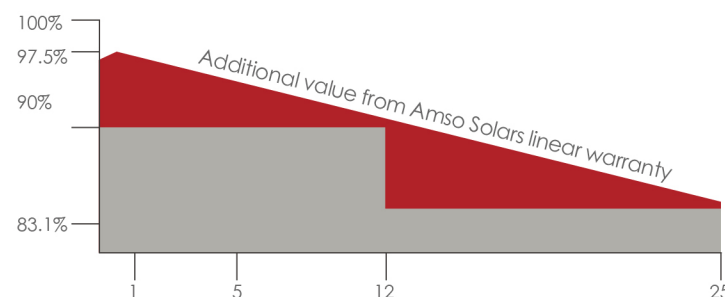
- Excellent performance in low-light environment
- High transmissivity, low-iron tempered glass

Linear performance warranty

12 YEAR
Product Warranty

25 YEAR
Linear Power Warranty

■ Linear Performance Warranty
■ Standard Performance Warranty



Mono Crystalline Essential Parameter

Model Type	Power(w)	Number of Cells	Dimensions(MM)	Weight(KG)	Vmp(v)	Imp (A)	Voc(v)	Isc(A)	Module Efficiency
AS290M6-60	290	60 (6*10)	1640*992*35	18	31.1	9.33	38.6	9.76	17.8%
AS300M6-60	300	60 (6*10)	1640*992*35	18	31.4	9.56	39.0	9.86	18.4%
AS310M6-60	310	60 (6*10)	1640*992*35	18	31.8	9.75	39.4	10.02	19.1%
AS315M6-60	315	60 (6*10)	1640*992*35	18	32.0	9.85	39.6	10.17	19.4%
AS320M6-60	320	60 (6*10)	1640*992*35	18	32.2	9.94	39.8	10.18	19.7%

Poly Crystalline Essential Parameter

Model Type	Power(w)	Number of Cells	Dimensions(MM)	Weight(KG)	Vmp(v)	Imp (A)	Voc(v)	Isc(A)	Module Efficiency
AS260-60	260	60 (6*10)	1640*992*35	18	30.3	8.59	37.4	9.15	16.0%
AS265-60	265	60 (6*10)	1640*992*35	18	30.6	8.67	37.7	9.21	16.3%
AS270-60	270	60 (6*10)	1640*992*35	18	30.9	8.74	38.0	9.29	16.6%
AS275-60	275	60 (6*10)	1640*992*35	18	31.2	8.82	38.3	9.32	16.9%
AS280-60	280	60 (6*10)	1640*992*35	18	31.5	8.89	38.6	9.42	17.2%

Temperature Rating

Rated battery operating temperature	45±2℃
Maximum power temperature coefficient	-0.4%/℃
Open circuit voltage temperature coefficient	-0.29%/℃
Short circuit current temperature coefficient	-0.05%/℃

Limit parameter

Operating temperature	-40~+85℃
Maximum system voltage	1000/1500VDC
Maximum fuse rated current	15A

*Standard test conditions:measured values(atmosphirc mass AM.5,irradiance 1000W/m2,battery temperature 25℃)

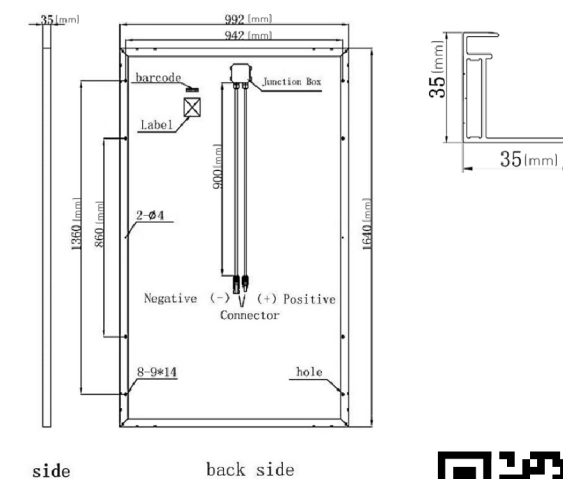
Mechanical Characteristics

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
Pieces per pallet	30	30&36
Pallets per container	13	28
Pieces per container	388	924

Mechanical Drawings



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