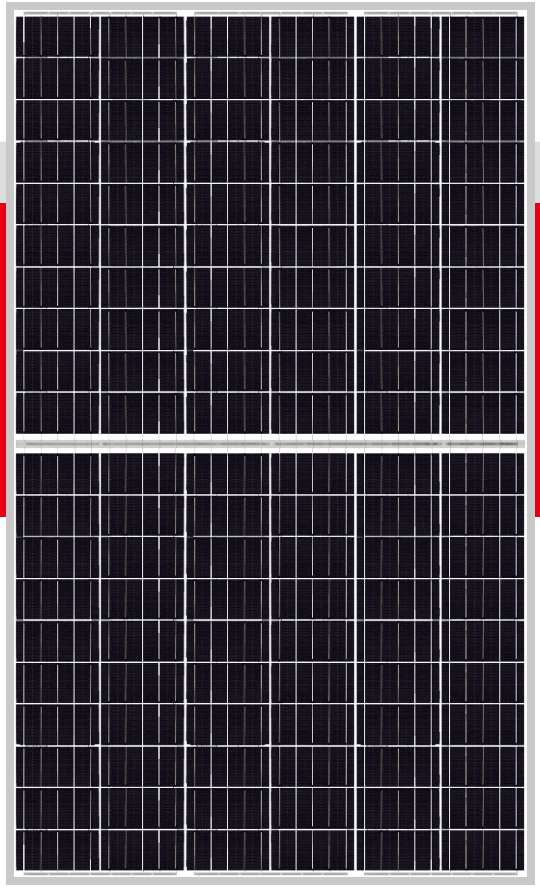
VSUN

Innovative & Smart



VSUN340-120MH

The Half Cell Module

VSUN340-120MH VSUN335-120MH
VSUN330-120MH VSUN325-120MH

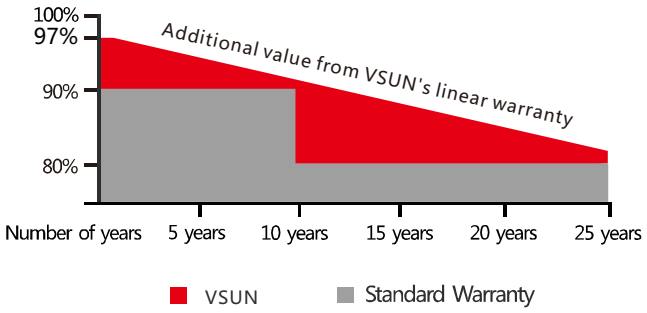
20.03%
Module efficiency

12years
Material & Workmanship warranty

340W
Highest power output

25years
Linear power output warranty

- PERC Cell Technology
- Higher output power
- Lower risk of micro-crack
- Positive tolerance offer
- Lower risk of hot spot
- Better shading tolerance
- Certified for salt/ammonia corrosion resistance
- Load certificates: wind to 2400Pa and snow to 5400Pa
- Lower LCOE



Munich RE

- 12-year product warranty
- 25-year linear power output warranty

Invested by Fuji Solar, VSUN is a Japanese solar module solutions provider located in Tokyo that offers Japanese quality solar technologies globally. The group's business covers Japan, North America, Southeast Asia and EMEA since 2006.Solar module manufacturing base is located in Vietnam, Bac Giang province, and it is one of the fastest-growing, most heavily invested and most promising solar high-tech enterprises in the country.

Innovative & Smart – VSUN has been committed to providing greener, cleaner, and more intelligent renewable energy solutions. It is focusing on the new energy market and the development of customized and high-efficiency products.

VSUN offers PV project development and investments and provides full package of service for EPC solutions.

Note:

All information and data are subject to change without notice.

A Sub-company of FUJISOLAR

Originated from **Japan**
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www.vsun-solar.com

Electrical Characteristics at Standard Test Conditions(STC)

Module Type	VSUN340-120MH	VSUN335-120MH	VSUN330-120MH	VSUN325-120MH
Maximum Power - Pmax (W)	340	335	330	325
Open Circuit Voltage - Voc (V)	41	40.8	40.6	40.4
Short Circuit Current - Isc (A)	10.52	10.42	10.35	10.28
Maximum Power Voltage - Vmpp (V)	34.1	33.9	33.7	33.5
Maximum Power Current - Impp (A)	9.98	9.89	9.8	9.71
Module Efficiency	20.03%	19.74%	19.44%	19.15%

Standard Test Conditions (STC): irradiance 1,000 W/m²; AM 1,5; module temperature 25°C. Pmax Sorting : 0~5W. Measuring Tolerance: ±3%.

Remark: Electrical data do not refer to a single module and they are not part of the offer. They only serve for comparison among different module types.

Electrical Characteristics at Normal Operating Cell Temperature(NOCT)

Module Type	VSUN340-120MH	VSUN335-120MH	VSUN330-120MH	VSUN325-120MH
Maximum Power - Pmax (W)	251	247.3	243.7	240.2
Open Circuit Voltage - Voc (V)	37.9	37.7	37.5	37.4
Short Circuit Current - Isc (A)	8.5	8.42	8.36	8.3
Maximum Power Voltage - Vmpp (V)	31.4	31.2	31	30.8
Maximum Power Current - Impp (A)	7.99	7.92	7.86	7.8

Normal Operating Cell Temperature((NOCT) : irradiance 800W/m2; wind speed 1 m/s ; ambient temperature 20/℃. Measuring Tolercance: ±3%.

Temperature Characteristics

NOCT	45/℃ (±2/℃)
Voltage Temperature Coefficient	-0.29%/℃
Current Temperature Coefficient	+0.05%/℃
Power Temperature Coefficient	-0.39%/℃

Maximum Ratings

Maximum System Voltage [V]	1500
Series Fuse Rating [A]	20

Material Characteristics

Dimensions	1694×1002×35mm (L×W×H)
Weight	19.2kg
Frame	Anodized aluminum profile
Front Glass	White toughened safety glass, 3.2 mm
Cell Encapsulation	EVA (Ethylene-Vinyl-Acetate)
Back Sheet	Composite film
Cells	12×10 pieces monocrystalline solar cells series strings
Junction Box	IP≧67, 3 diodes
Cable&Connector	Potrait: 500 mm (cable length can be customized) , 1×4 mm², compatible with MC4

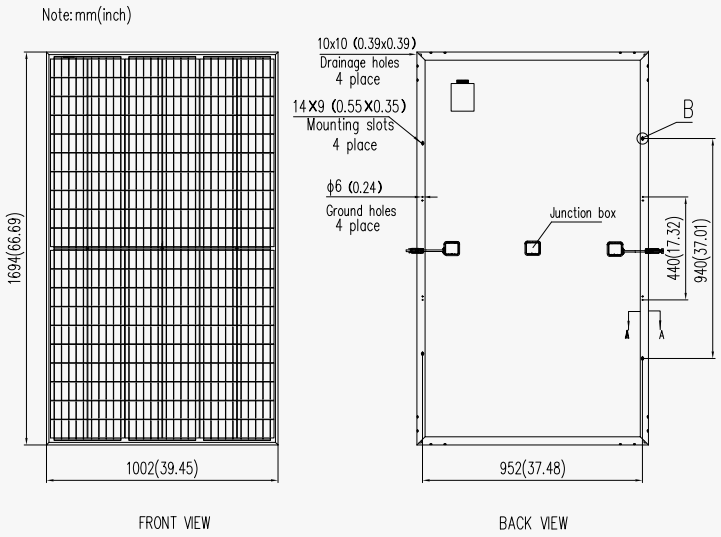
Packaging

Dimensions(L×W×H)	1720×1110×1132mm
Container20'	360
Container40'	780
Container40'HC	845

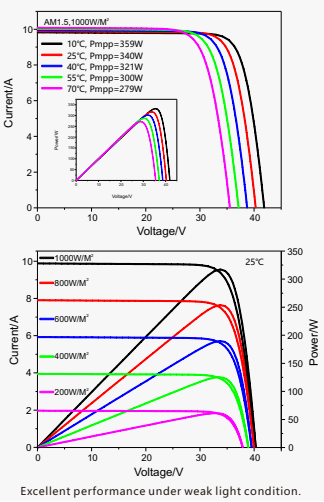
System Design

Temperature Range	-40 °C to + 85 °C
Withstanding Hail	Maximum diameter of 25 mm with impact speed of 23 m·s-1
Maximum Surface Load	5,400 Pa
Application class	class A

Dimensions



IV-Curves



Excellent performance under weak light condition.

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