

# VSUN340-120MH-BW

**340W**

Highest power output

**20.03%**

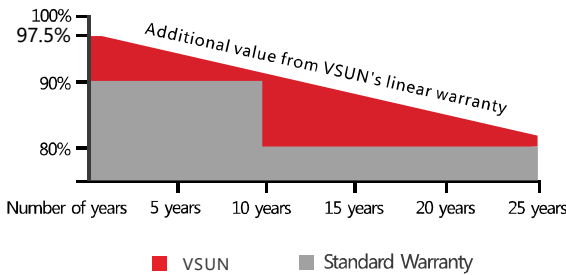
Module efficiency

**12years**

Material & Workmanship warranty

**25years**

Linear power output warranty



Munich RE



PID-free



Higher output power



Lower risk of micro-crack



Positive tolerance offer



Lower risk of hot spot



Better shading tolerance



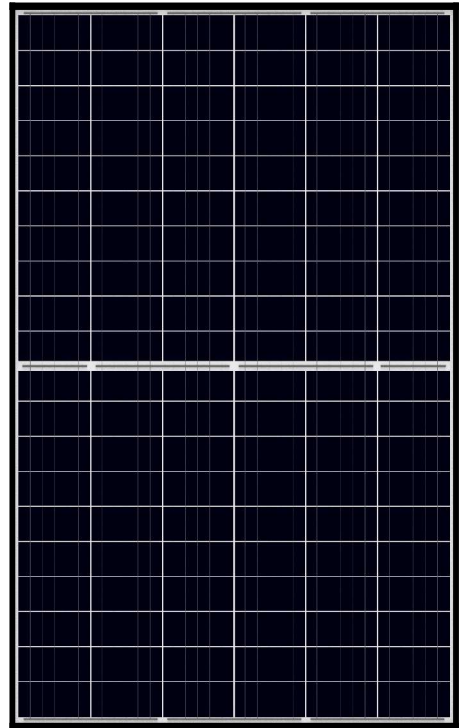
Certified for salt/ammonia corrosion resistance



Load certificates: wind to 2400Pa and snow to 5400Pa



Lower LCOE



VSUN, a BNEF Tier-1 PV module manufacturer invested by Fuji Solar, has been committed to providing greener, cleaner and more intelligent renewable energy solutions. VSUN is dedicated to bringing reliable, customized and high-efficient products into various markets and customers worldwide



Engineered in Japan  
[www.vsun-solar.com](http://www.vsun-solar.com)

## Electrical Characteristics at Standard Test Conditions(STC)

Module Type	VSUN340-120MH-BW	VSUN335-120MH-BW	VSUN330-120MH-BW	VSUN325-120MH-BW
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 - Imp (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/m<sup>2</sup>; 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-BW	VSUN335-120MH-BW	VSUN330-120MH-BW	VSUN325-120MH-BW
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 - Imp (A)	7.99	7.92	7.86	7.8

Normal Operating Cell Temperature( NOCT) : irradiance 800W/m<sup>2</sup>; wind speed 1 m/s ; ambient temperature 20°C. Measuring Tolerance: ±3%.

## Temperature Characteristics

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

## 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	Black 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	IP68, 3 diodes
Cable&Connector	Potrait: 500 mm (cable length can be customized) , 1×4 mm <sup>2</sup> , compatible with MC4

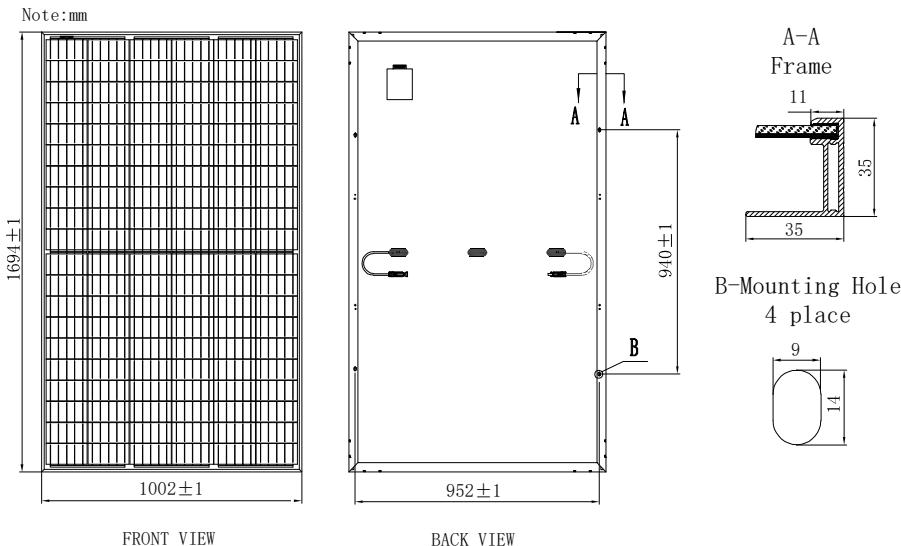
## Packaging

Dimensions(L×W×H)	1720×1125×1132mm
Container20'	372
Container40'	806
Container40'HC	871

## 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

