



VSUN370-120BMH

VSUN370-120BMH
VSUN360-120BMH

VSUN365-120BMH
VSUN355-120BMH

370W

Highest power output

20.04%

Module efficiency

KEY FEATURES

- PERC** 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

ABOUT VSUN

Invested by Fuji Solar, VSUN SOLAR is a solar solution provider with headquartered in Tokyo, Japan that offers reliability, high efficiency solar products and technology globally. VSUN is rated as BNEF Tier 1 PV module manufacturer, PVEL Lab "Best performer" and EcoVadis "Bronze Award".

PRODUCT CERTIFICATION



PRODUCT CERTIFICATION



Electrical Characteristics at Standard Test Conditions(STC)

Module Type	VSUN370-120BMH	VSUN365-120BMH	VSUN360-120BMH	VSUN355-120BMH
Maximum Power - Pmax (W)	370	365	360	355
Open Circuit Voltage - Voc (V)	41.4	41.1	40.8	40.4
Short Circuit Current - Isc (A)	11.26	11.19	11.12	11.06
Maximum Power Voltage - Vmpp (V)	34.5	34.3	34	33.7
Maximum Power Current - Imp (A)	10.72	10.66	10.59	10.53
Module Efficiency	20.04%	19.77%	19.50%	19.22%
Standard Test Conditions (STC): irradiance 1,000 W/m ² ; 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 with different rear side power gain (reference to 365 front)

Pmax (W)	Voc (V)	Isc (A)	Vmpp (V)	Imp (A)	Imp (A)
388	41.40	11.82	34.50	10.38	5%
407	41.40	12.39	34.50	10.88	10%
443	41.50	13.51	34.40	11.87	20%
461	41.50	14.08	34.40	12.36	25%

Material Characteristics

Dimensions	1762×1048×35mm (L×W×H)
Weight	19.6kg
Frame	Silver anodized aluminum profile
Front Glass	White toughened safety glass, 3.2 mm
Cell Encapsulation	EVA (Ethylene-Vinyl-Acetate) or POE
Back Glass	Transparent mesh backsheet
Cells	12×10 pieces bifacial monocrystalline solar cells series strings
Junction Box	IP68, 3 diodes
Cable&Connector	Cable length=1700mm Connector=MC4 1X4mm ²

Temperature Characteristics

NOCT	45°C(±2°C)
Voltage Temperature Coefficient	-0.26%/°C
Current Temperature Coefficient	+0.054%/°C
Power Temperature Coefficient	-0.32%/°C

Maximum Ratings

Maximum System Voltage [V]	1000/1500
Series Fuse Rating [A]	20
Bifaciality	70%±5%

Packaging

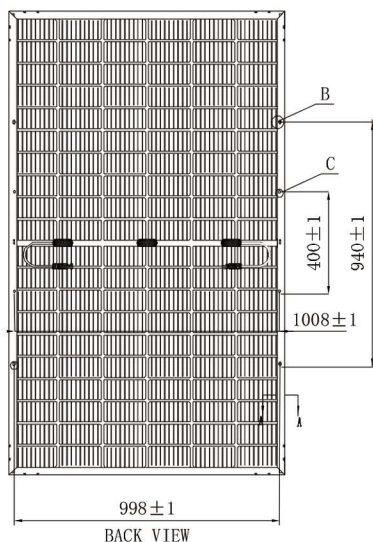
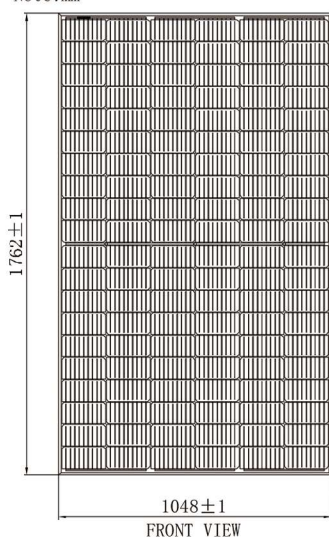
Dimensions(L×W×H)	1820×1125×1181mm
Container 20'	186
Container 40'	403
Container 40'HC	806

System Design

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

Dimensions

Note:mm



IV-Curves

