

# VSUN370-120BMH

**370W**

Highest power output

**20.04%**

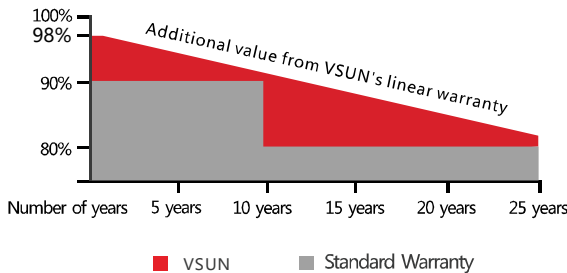
Module efficiency

**12years**

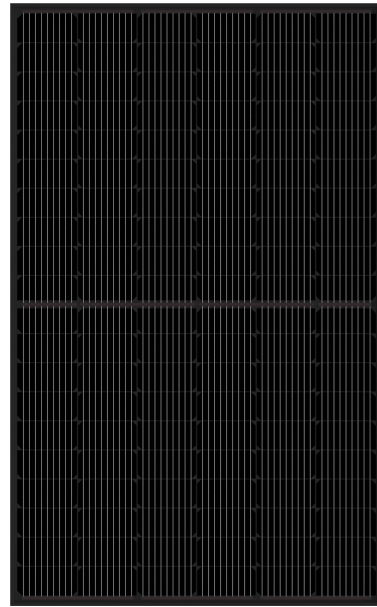
Material & Workmanship warranty

**30years**

Linear power output warranty



VSUN370-120BMH VSUN365-120BMH  
VSUN360-120BMH VSUN355-120BMH



Munich RE

PERC MBB technology with Circular Ribbon

Higher output power

Half-cell Technology

Positive tolerance offer

Bifacial cells, converting more sunlight into electricity

CSA 61730 & UL 61730  
IEC 61215 & IEC 61730

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

## 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 - Impp (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<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 with different rear side power gain(reference to 365 front)

Pmax (W)	Voc (V)	Isc (A)	Vmpp (V)	Impp (A)	Pmax gain
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	1762×1048×30mm (L×W×H)
Weight	19.4kg
Frame	Black anodized aluminum profile
Front Glass	White toughened safety glass, 3.2 mm
Cell Encapsulation	EVA (Ethylene-Vinyl-Acetate) or POE
Back Glass	Transparent black-mesh backsheet
Cells	12×10 pieces bifacial monocrystalline solar cells series strings
Junction Box	IP68, 3 diodes
Cable&Connector	Potrait: 1300 mm (cable length can be customized) , 1×4 mm <sup>2</sup> , compatible with MC4

## System Design

Maximum System Voltage [V]	1500
Series Fuse Rating [A]	30
Bifaciality	70%±10%
Fire Rating	Class C for IEC and TYPE 1 for US
PV module classification	Class II
Temperature Range	-40 °C to + 85 °C
Maximum Surface Load	5,400 Pa
Application class	class A
Withstanding Hail	Maximum diameter of 25 mm with impact speed of 23 m/s

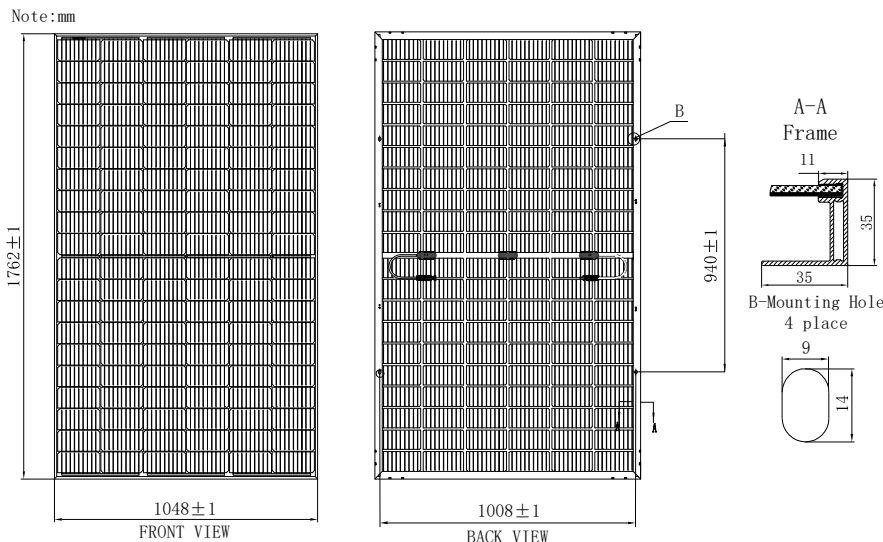
## Packaging

Dimensions(L×W×H)	1800×1125×1181mm
Container 20'	216
Container 40'	468
Container 40'HC	936

## 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

## Dimensions



## IV-Curves

