

25
YEAR
QUALITY ASSURANCE

30
YEAR
POWER OUTPUT GUARANTEE

VSUN370-120BMH

VSUN370-120BMH
VSUN360-120BMH

VSUN365-120BMH
VSUN355-120BMH

370W

Highest power output

20.04%

Module efficiency

2.0%

First-year degradation warranty

0.45%

Annual degradation over 30 years

KEY FEATURES

PERC MBB technology with Circular Ribbon



Higher output power



Half-cell Technology



Positive tolerance offer



Bifacial cells, converting more sunlight into electricity



Better shading tolerance



Certified for salt/ammonia corrosion resistance



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



Lower LCOE

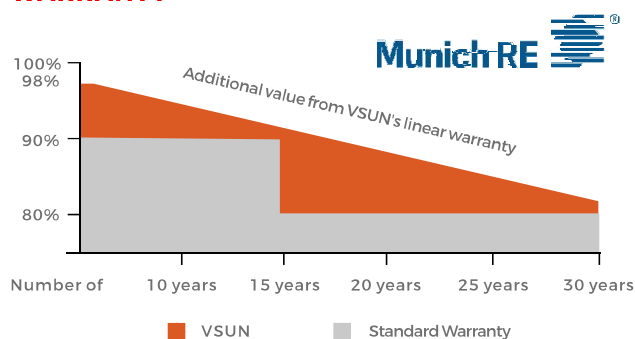
ABOUT VSUN

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



WARRANTY



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/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 with different rear side power gain(reference to 365 front)

Pmax (W)	Voc (V)	Isc (A)	Vmpp (V)	Imp (A)	Pmax gain
384	41.10	11.75	34.30	11.19	5%
402	41.10	12.31	34.30	11.73	10%
437	41.20	13.43	34.20	12.79	20%
456	41.20	13.99	34.20	13.33	25%

Material Characteristics

Dimensions	1762×1048×30mm (L×W×H)
Weight	19.4kg
Frame	Black anodized aluminum profile
Front Glass	AR-Coating toughened glass, 3.2 mm
Cell Encapsulation	EVA (Ethylene-Vinyl-Acetate) or POE
Back Glass	Transparent black-mesh backsheet
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 ² or 12AWG

System Design

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

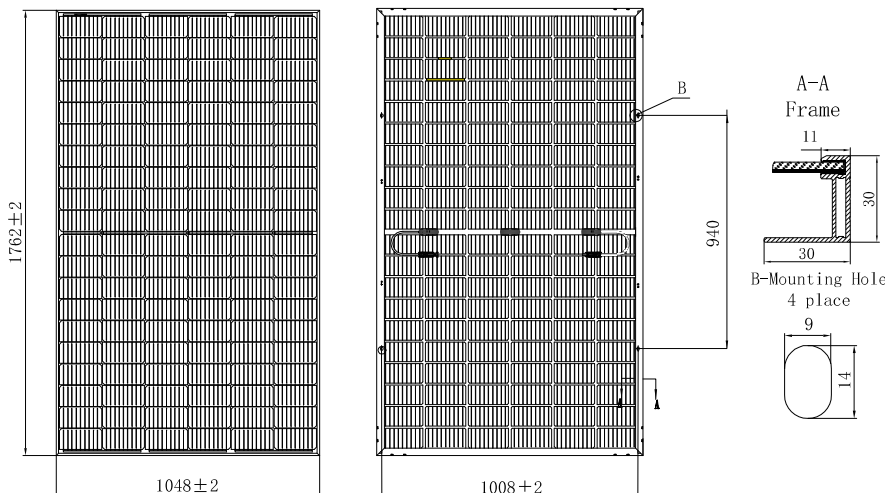
Dimensions(L×W×H)	1800×1125×1181mm
Container 20'	216
Container 40'	468
Container 40'HC	936

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

Note:mm



IV-Curves

