

VSUN370-120BMH

370W

Highest power output

20.04%

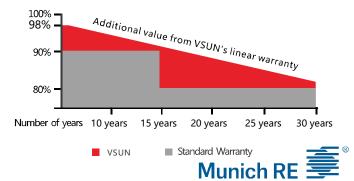
Module efficiency

12years

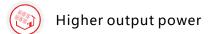
Material & Workmanship warranty

30 years

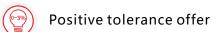
Linear power output warranty



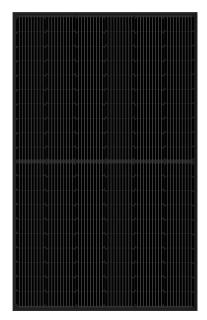
PERC Cell Technology



Lower risk of micro-crack



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





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













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/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)	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%

Temperature Characteristics

NOCT	45°C(±2°C)	Maximum System Voltage [V]	1500
Voltage Temperature Coefficient	-0.26%/°C	Series Fuse Rating [A]	20
Current Temperature Coefficient	+0.054%/°C	Bifaciality	70%±5%
Power Temperature Coefficient	-0.32%/°C		

Maximum Ratings

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 Sheet Transparent black-mesh backsheet

Cells 12×10 pieces bifacial monocrystalline solar cells series strings

Junction Box IP68, 3 diodes

Cable&Connector Potrait: 500 mm (cable length can be customized) , 1×4 mm 2 , compatible with MC4

Packaging System Design

Dimensions(L×W×H)	1800×1125×1181mm	Temperature Range	-40 °C to + 85 °C
Container 20'	216	Withstanding Hail	Maximum diameter of 25 mm with
Container 40'	468		impact speed of 23 m/s
Container 40'HC	936PCS, 36PCS/Pallet	Maximum Surface Load	5,400 Pa
		Application class	class A

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