

VSUN370-120BMH

370W

Highest power output

20.04%

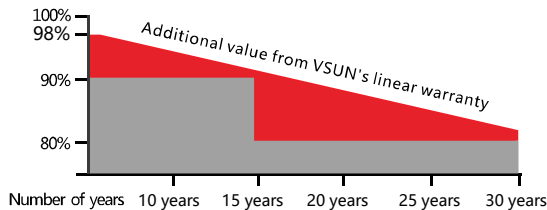
Module efficiency

25years

Material & Workmanship warranty

30years

Linear power output warranty



■ VSUN

■ Standard Warranty

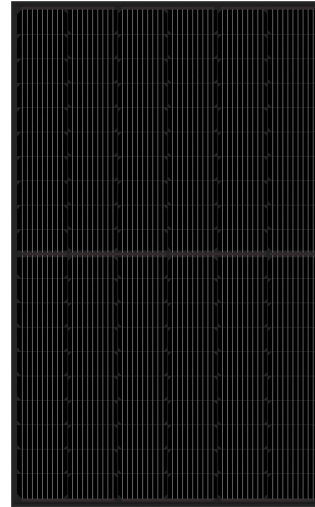
Munich RE

VSUN370-120BMH

VSUN365-120BMH

VSUN360-120BMH

VSUN355-120BMH



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

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

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
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

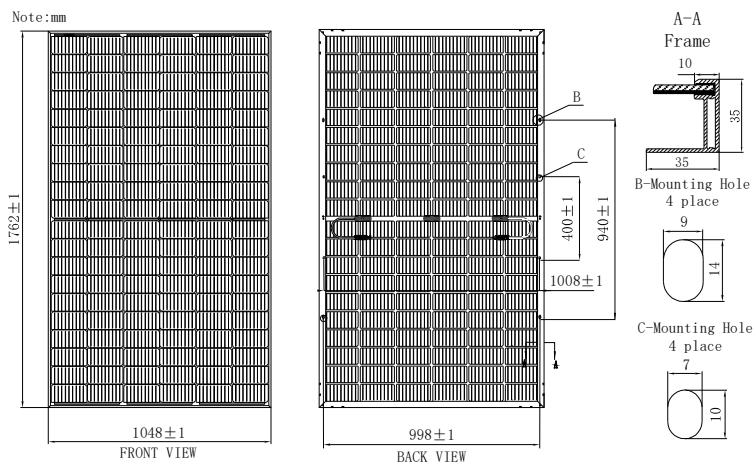
Dimensions	1762×1048×35mm - 69.37"x 41.26"x 1.37" (L×W×H)
Weight	19.6kg
Frame	Black anodized aluminum profile
Front Glass	White toughened safety glass, 3.2 mm
Cell Encapsulation	EVA (Ethylene-Vinyl-Acetate) or POE
Back Sheet <i>Van Meter Exclusive</i>	Transparent black-mesh backsheet
Cells <i>Van Meter Exclusive</i>	All black busbar system, 12×10 pieces bifacial monocrystalline solar cells series strings
Junction Box	IP68, 3 diodes
Cable&Connector <i>Van Meter Exclusive</i>	Potrait: 1200 mm cable length with Staubli MC4 connectors

Packaging

Dimensions(L×W×H)	1820×1125×1181mm	Temperature Range	-40 °C to + 85 °C
Container 20'	186	Withstanding Hail	Maximum diameter of 25 mm with impact speed of 23 m/s
Container 40'	403		
Container 40'HC	806	Maximum Surface Load	5,400 Pa
		Application class	class A

System Design

Dimensions



IV-Curves

