

VSUN365-120M-BB

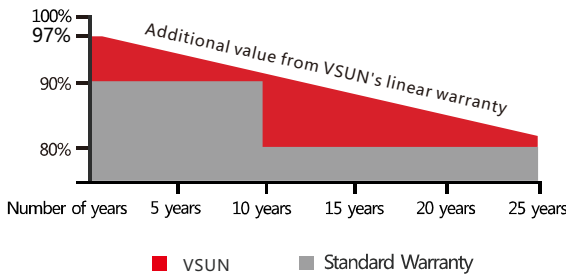
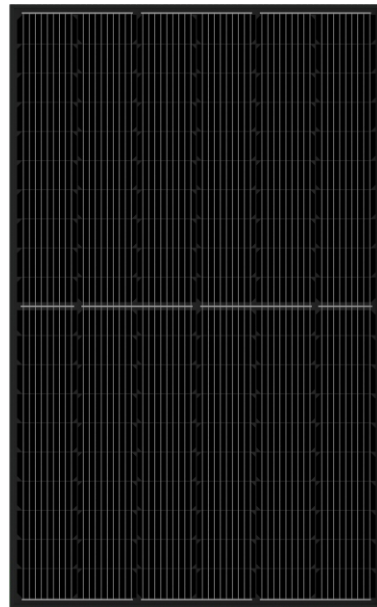
365W
Highest power output

19.77%
Module efficiency

12years
Material & Workmanship warranty

25years
Linear power output warranty

VSUN365-120M-BB VSUN360-120M-BB VSUN355-120M-BB
VSUN350-120M-BB VSUN345-120M-BB



Munich RE

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

Electrical Characteristics at Standard Test Conditions(STC)

Module Type	VSUN365-120M-BB	VSUN360-120M-BB	VSUN355-120M-BB	VSUN350-120M-BB	VSUN345-120M-BB
Maximum Power - Pmax (W)	365	360	355	350	345
Open Circuit Voltage - Voc (V)	40.7	40.5	40.3	40.1	39.9
Short Circuit Current - Isc (A)	11.43	11.35	11.26	11.19	11.13
Maximum Power Voltage - Vmpp (V)	34.2	34	33.8	33.6	33.4
Maximum Power Current - Impp (A)	10.68	10.59	10.51	10.42	10.33
Module Efficiency	19.77%	19.50%	19.22%	18.95%	18.68%

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 at Normal Operating Cell Temperature(NOCT)

Module Type	VSUN365-120M-BB	VSUN360-120M-BB	VSUN355-120M-BB	VSUN350-120M-BB	VSUN345-120M-BB
Maximum Power - Pmax (W)	271.7	268	264.4	260.6	257
Open Circuit Voltage - Voc (V)	37.9	37.7	37.5	37.3	37.1
Short Circuit Current - Isc (A)	9.23	9.17	9.09	9.02	8.96
Maximum Power Voltage - Vmpp (V)	31.4	31.2	31	30.8	30.6
Maximum Power Current - Impp (A)	8.66	8.59	8.53	8.46	8.4

Normal Operating Cell Temperature(NOCT) : irradiance 800W/m² ; wind speed 1 m/s ; ambient temperature 20°C. Measuring Tolerance: ±3%.

Temperature Characteristics

NOCT	45°C (±2°C)
Voltage Temperature Coefficient	-0.27%/°C
Current Temperature Coefficient	+0.048%/°C
Power Temperature Coefficient	-0.35%/°C

Maximum Ratings

Maximum System Voltage [V]	1000
Series Fuse Rating [A]	20

Material Characteristics

Dimensions	1762×1048×35mm (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)
Back Sheet	Composite film
Cells	. 2×10 pieces monocrystalline solar cells series strings
Junction Box	IP≥67, 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)	1800×1105×1178mm	Temperature Range	-40 °C to + 85 °C
Container 20'	180	Withstanding Hail	Maximum diameter of 25 mm with impact speed of 23 m-s ⁻¹
Container 40'	390	Maximum Surface Load	5,400 Pa
Container 40'HC	780	Application class	class A

Dimensions

IV-Curves

Note: mm

