

VSUN395-72M

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VSUN390-72M

VSUN385-72M

VSUN380-72M

VSUN375-72M

19.89%

Module efficiency

12years

Material & Workmanship warranty

395W

Highest power output

25years

Linear power output warranty



PID-free



World class mono efficiency



Tighter product performance distribution and current sorting reduces the mismatch power loss in system operation



Positive tolerance offer



Good temperature coefficient enables higher output in high temperature regions



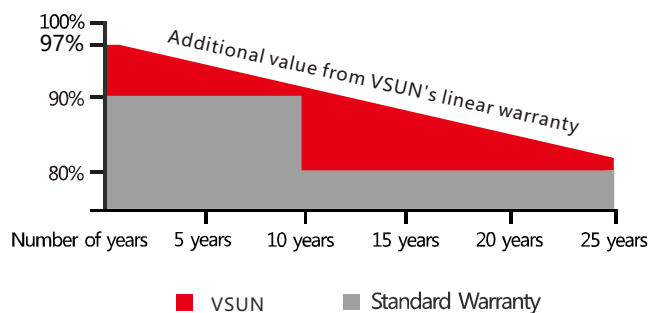
Excellent performance under low light conditions



Certified for salt/ammonia corrosion resistance



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



Munich RE 

•12-year product warranty

•25-year linear power output warranty

Invested by Fuji Solar, VSUN is a Japanese solar module solutions provider located in Tokyo that offers Japanese quality solar technologies globally. The group's business started in Japan in 2006, later spreading to North America, Southeast Asia, and EMEA.

Innovative & Smart – VSUN has been committed to providing greener, cleaner, and more intelligent renewable energy solutions. It is focusing on the new energy market and the development of customized and high-efficiency products.

Note:

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A Sub-company of **FUJISOLAR**



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Electrical Characteristics at Standard Test Conditions(STC)

Module Type	VSUN395-72M	VSUN390-72M	VSUN385-72M	VSUN380-72M	VSUN375-72M
Maximum Power - Pmax (W)	395	390	385	380	375
Open Circuit Voltage - Voc (V)	48.3	48.1	47.9	47.8	47.6
Short Circuit Current - Isc (A)	10.36	10.27	10.18	10.07	9.98
Maximum Power Voltage - Vmpp (V)	39.9	39.7	39.5	39.3	39.1
Maximum Power Current - Imp (A)	9.91	9.83	9.75	9.67	9.59
Module Efficiency	19.89%	19.64%	19.39%	19.13%	18.88%

Standard Test Conditions (STC): irradiance 1,000 W/m²; AM 1.5; module temperature 25°C. Tolerance of P_{mp}: 0~+3%.

Measuring uncertainty of power: ±3%.

Electrical Characteristics at Normal Operating Cell Temperature(NOCT)

Module Type	VSUN395-72M	VSUN390-72M	VSUN385-72M	VSUN380-72M	VSUN375-72M
Maximum Power - Pmax (W)	292.2	288.3	284.6	281	277.4
Open Circuit Voltage - Voc (V)	44.6	44.4	44.3	44.2	44
Short Circuit Current - Isc (A)	8.31	8.3	8.19	8.14	8.06
Maximum Power Voltage - Vmpp (V)	37.2	36.8	36.8	36.6	36.5
Maximum Power Current - Imp (A)	7.85	7.82	7.73	7.68	7.61

Normal Operating Cell Temperature(NOCT) : irradiance 800W/m²; wind speed 1 m/s ; cell temperature 45°C; ambient temperature 20°C.

Measuring uncertainty of power: ±3%.

Temperature Characteristics

NOCT	45°C (±2°C)	Maximum System Voltage [V]	1000
Voltage Temperature Coefficient	-0.29%/°C	Series Fuse Rating [A]	20
Current Temperature Coefficient	+0.05%/°C		
Power Temperature Coefficient	-0.39%/°C		

Maximum Ratings

Material Characteristics

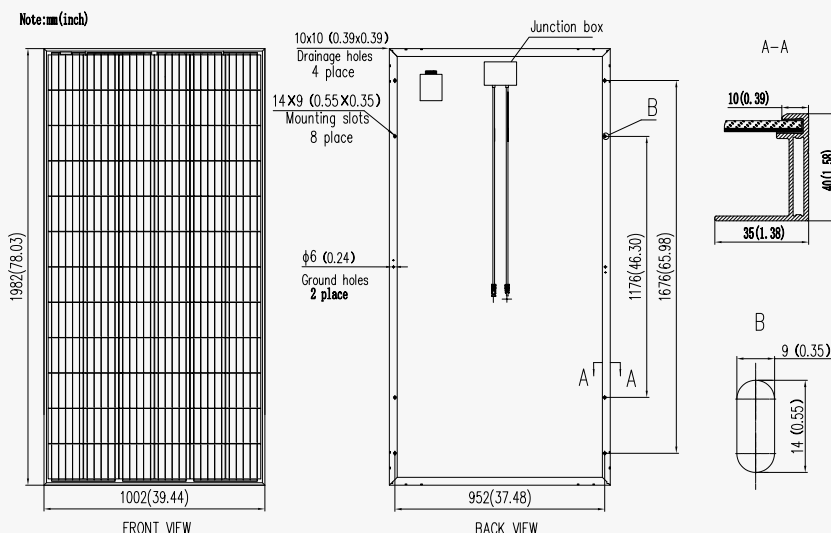
Dimensions	1982×1002×40mm (L×W×H)
Weight	22.4kg
Frame	Anodized aluminum profile
Front Glass	White toughened safety glass, 3.2 mm
Cell Encapsulation	EVA (Ethylene-Vinyl-Acetate)
Back Glass	Composite film
Cells	6×12 pieces monocrystalline solar cells series strings
Junction Box	Rated current≥13A, IP≥67, TUV&UL
Cable&Connector	Length 1200 mm, 1×4 mm ² , compatible with MC4

Packaging

Dimensions(L×W×H)	2010×1130×1132mm	Temperature Range	-40 °C to + 85 °C
Container 20'	270	Withstanding Hail	Maximum diameter of 25 mm with impact speed of 23 m/s
Container 40'	594		5,400 Pa
Container 40'HC	649	Maximum Surface Load	class A
		Application class	

System Design

Dimensions



IV-Curves

