

VSUN350-72PH

VSUN350-72PH VSUN345-72PH
 VSUN340-72PH VSUN335-72PH
 VSUN330-72PH

18.07%
 Module efficiency

12years
 Material & Workmanship warranty

350W
 Highest power output

25years
 Linear power output warranty



PID-free



World class poly 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



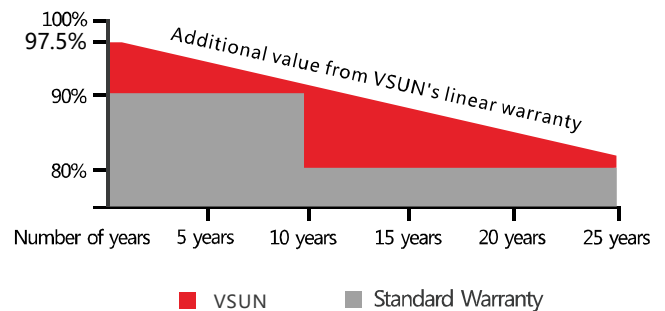
Excellent performance under low light conditions




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**



Electrical Characteristics at Standard Test Conditions(STC)

Module Type	VSUN350-72PH	VSUN345-72PH	VSUN340-72PH	VSUN335-72PH	VSUN330-72PH
Maximum Power - Pmax (W)	350	345	340	335	330
Open Circuit Voltage - Voc (V)	46.6	46.5	46.3	46.2	46.1
Short Circuit Current - Isc (A)	9.71	9.6	9.5	9.37	9.28
Maximum Power Voltage - Vmpp (V)	38.3	38.2	38.1	38	37.8
Maximum Power Current - Imp (A)	9.15	9.04	8.94	8.84	8.75
Module Efficiency	18.07%	17.82%	17.56%	17.30%	17.04%

Standard Test Conditions (STC): irradiance 1,000 W/m²; AM 1.5; module temperature 25°C. Tolerance of Pmp: 0~+3%.
Measuring uncertainty of power: ±3%.

Electrical Characteristics at Normal Operating Cell Temperature(NOCT)

Module Type	VSUN350-72PH	VSUN345-72PH	VSUN340-72PH	VSUN335-72PH	VSUN330-72PH
Maximum Power - Pmax (W)	258.1	254.4	250.9	247.4	243.8
Open Circuit Voltage - Voc (V)	43	42.9	42.7	42.6	42.6
Short Circuit Current - Isc (A)	7.84	7.75	7.67	7.56	7.49
Maximum Power Voltage - Vmpp (V)	35.2	35.1	34.9	34.9	34.7
Maximum Power Current - Imp (A)	7.34	7.26	7.19	7.09	7.02

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)
Voltage Temperature Coefficient	-0.292%/°C
Current Temperature Coefficient	+0.045%/°C
Power Temperature Coefficient	-0.408%/°C

Maximum Ratings

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

Material Characteristics

Dimensions	1956×990×40mm (L×W×H)
Weight	22.0 kg
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 polycrystalline solar cells series strings (156.75mm×156.75mm)
Junction Box	Rated current ≥13A, IP≥67, TUV&UL
Cable&Connector	Length 1200 mm, 1×4 mm ² , compatible with MC4

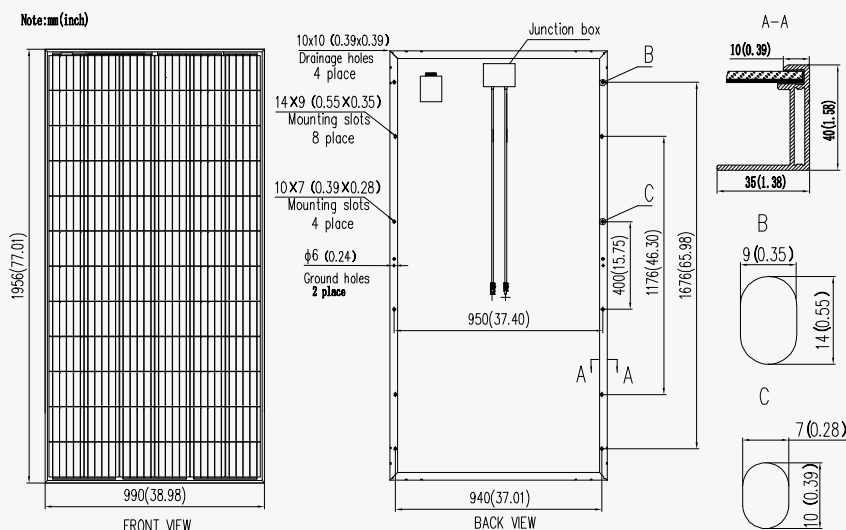
Packaging

Dimensions(L×W×H)	1980×1130×1120mm
Container 20'	270
Container 40'	648
Container 40'HC	708

System Design

Temperature Range	-40 °C to + 85 °C
Withstanding Hail	Maximum diameter of 25 mm with impact speed of 23 m/s
Maximum Surface Load	5,400 Pa
Application class	class A

Dimensions



IV-Curves

