

VSUN350-72PH

350W

Highest power output

18.07%

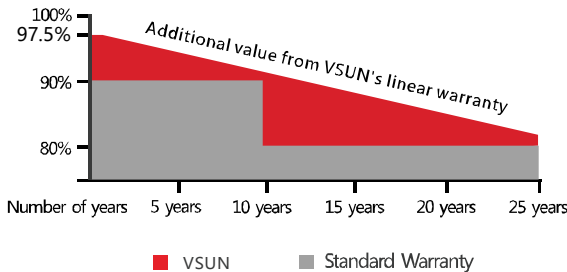
Module efficiency

12years

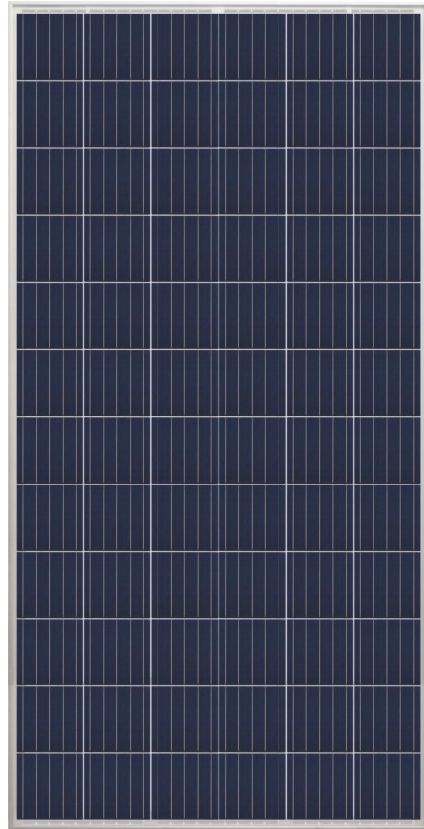
Material & Workmanship warranty

25years

Linear power output warranty



Munich RE



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

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	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 - Impp (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; Cell 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	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 - Impp (A)	7.34	7.26	7.19	7.09	7.02

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	-0.292%/°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

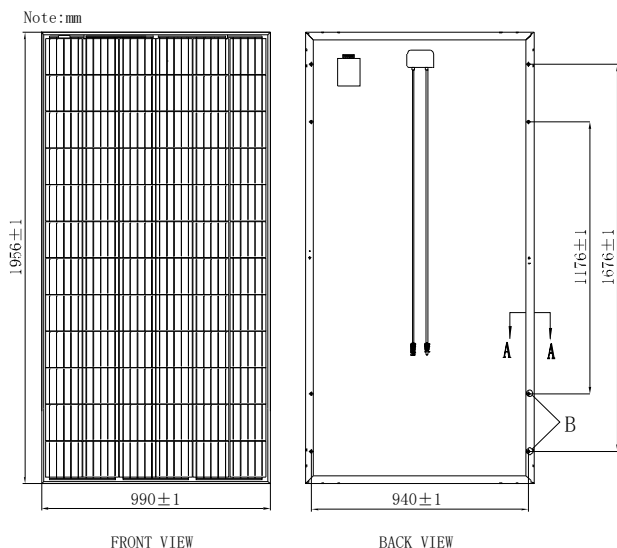
Dimensions	1956×990×40mm (L×W×H)
Weight	22.0kg
Frame	Anodized aluminum profile
Front Glass	White toughened safety glass, 3.2 mm
Cell Encapsulation	EVA (Ethylene-Vinyl-Acetate)
Back Sheet	Composite film
Cells	6×12 pieces polycrystalline solar cells series strings (156.75mm×156.75mm)
Junction Box	IP≥67, 3 diodes
Cable&Connector	Length 1200 mm, 1×4 mm ² , compatible with MC4

Packaging

Dimensions(L×W×H)	1980×1125×1120mm	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'	648	Maximum Surface Load	5,400 Pa
Container 40'HC	708	Application class	class A

System Design

Dimensions



IV-Curves

