

VSUN350-72PH

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 VSUN340-72PH VSUN335-72PH
 VSUN330-72PH

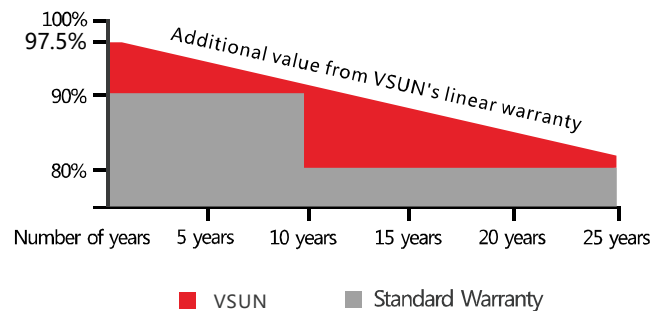
18.07%
 Module efficiency


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) | Maximum System Voltage [V] | 1500 |
| Voltage Temperature Coefficient | -0.292%/°C | Series Fuse Rating [A] | 20 |
| Current Temperature Coefficient | +0.045%/°C | | |
| Power Temperature Coefficient | -0.408%/°C | | |

Maximum Ratings

Material Characteristics

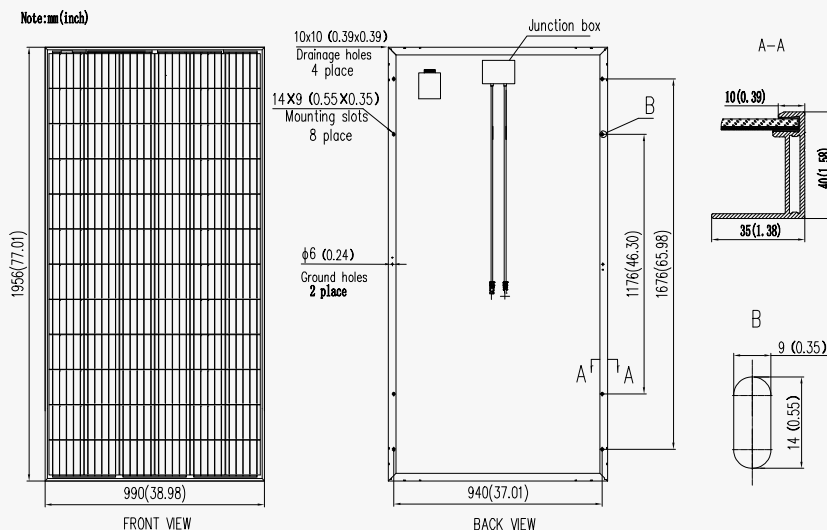
| | |
|--------------------|--|
| Dimensions | 1956×990×40mm (L×W×H) |
| Weight | 22.0kg |
| Frame | Anodized aluminum profile |
| Front Glass | White toughened safety glass, 3.2 mm |
| Cell Encapsulation | EVA (Ethylene-Vinyl-Acetate) |
| Back Glass | Composite film |
| Cells | 6×12 pieces polycrystalline 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 | 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

