

VSUN375-120M

375W

Highest power output

20.31%

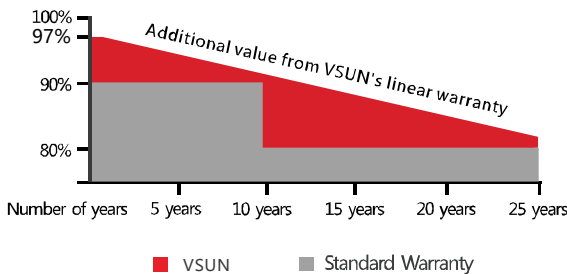
Module efficiency

12years

Material & Workmanship warranty

25years

Linear power output warranty



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



VSUN375-120M VSUN370-120M
VSUN365-120M VSUN360-120M

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



Engineered in Japan
www.vsun-solar.com

Electrical Characteristics at Standard Test Conditions(STC)

| Module Type | VSUN375-120M | VSUN370-120M | VSUN365-120M | VSUN360-120M |
|----------------------------------|--------------|--------------|--------------|--------------|
| Maximum Power - Pmax (W) | 375 | 370 | 365 | 360 |
| Open Circuit Voltage - Voc (V) | 41.1 | 40.9 | 40.7 | 40.5 |
| Short Circuit Current - Isc (A) | 11.6 | 11.52 | 11.43 | 11.35 |
| Maximum Power Voltage - Vmpp (V) | 34.6 | 34.4 | 34.2 | 34 |
| Maximum Power Current - Imp (A) | 10.84 | 10.76 | 10.68 | 10.59 |
| Module Efficiency | 20.31% | 20.04% | 19.77% | 19.50% |

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 | VSUN375-120M | VSUN370-120M | VSUN365-120M | VSUN360-120M |
|----------------------------------|--------------|--------------|--------------|--------------|
| Maximum Power - Pmax (W) | 279.1 | 275.4 | 271.7 | 268 |
| Open Circuit Voltage - Voc (V) | 38.3 | 38.1 | 37.9 | 37.7 |
| Short Circuit Current - Isc (A) | 9.37 | 9.3 | 9.23 | 9.17 |
| Maximum Power Voltage - Vmpp (V) | 31.7 | 31.6 | 31.4 | 31.2 |
| Maximum Power Current - Imp (A) | 8.79 | 8.73 | 8.66 | 8.59 |

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 | Silver anodized aluminum profile |
| Front Glass | White toughened safety glass, 3.2 mm |
| Cell Encapsulation | EVA (Ethylene-Vinyl-Acetate) |
| Back Sheet | Composite film |
| Cells | 12×10 pieces monocrystalline solar cells series strings |
| Junction Box | IP68, 3 diodes |
| Cable&Connector | Potrait: 500 mm (cable length can be customized) , 1×4 mm ² , compatible with MC4 |

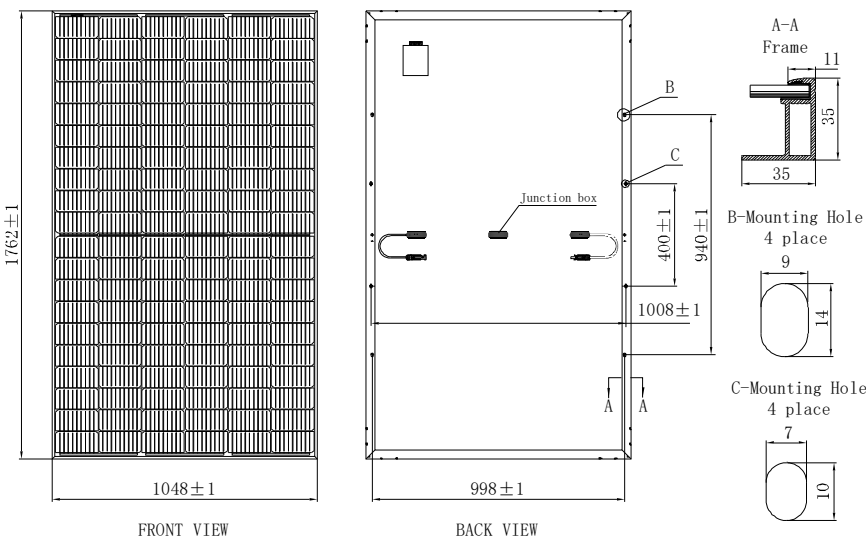
Packaging

| | | | |
|-------------------|------------------|----------------------|---|
| Dimensions(L×W×H) | 1800×1105×1178mm | Temperature Range | -40 °C to + 85 °C |
| Container20' | 180 | Withstanding Hail | Maximum diameter of 25 mm with impact speed of 23 m/s-1 |
| Container40' | 390 | Maximum Surface Load | 5,400 Pa |
| Container40'HC | 780 | Application class | class A |

System Design

Dimensions

Note: mm



IV-Curves

