VSUN
Innovative & Smart

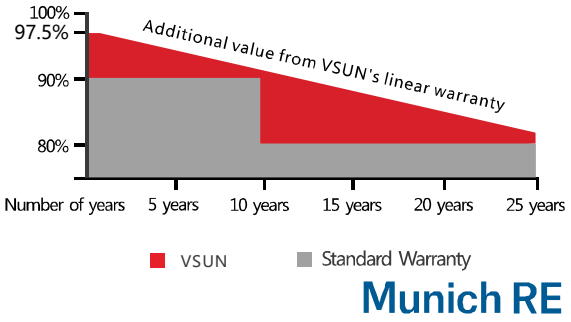
VSUN335-60M

335W
Highest power output

20.12%
Module efficiency

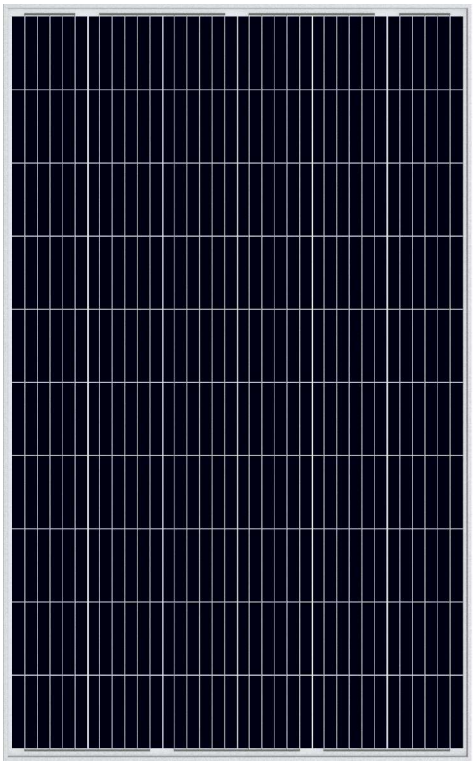
12years
Material & Workmanship warranty

25years
Linear power output warranty



Munich RE

VSUN335-60M **VSUN330-60M**
VSUN325-60M **VSUN320-60M**



- 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

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	VSUN335-60M	VSUN330-60M	VSUN325-60M	VSUN320-60M
Maximum Power - Pmax (W)	335	330	325	320
Open Circuit Voltage - Voc (V)	41.2	40.9	40.7	40.6
Short Circuit Current - Isc (A)	10.41	10.34	10.24	10.12
Maximum Power Voltage - Vmpp (V)	34	33.8	33.6	33.4
Maximum Power Current - Impp (A)	9.86	9.77	9.68	9.59
Module Efficiency	20.12%	19.82%	19.52%	19.22%

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	VSUN335-60M	VSUN330-60M	VSUN325-60M	VSUN320-60M
Maximum Power - Pmax (W)	247.7	244	240.3	236.7
Open Circuit Voltage - Voc (V)	38.1	37.8	37.6	37.6
Short Circuit Current - Isc (A)	8.41	8.35	8.27	8.18
Maximum Power Voltage - Vmpp (V)	31.3	31.1	30.9	30.8
Maximum Power Current - Impp (A)	7.9	7.85	7.77	7.69

Normal Operating Cell Temperature((NOCT) : irradiance 800W/m^2; wind speed 1 m/s, ambient temperature 20℃. Measuring Tolerance: ±3%.

Temperature Characteristics

NOCT	45/℃ (±2/℃)
Voltage Temperature Coefficient	-0.29%/℃
Current Temperature Coefficient	+0.05%/℃
Power Temperature Coefficient	-0.39%/℃

Maximum Ratings

Maximum System Voltage [V]	1000
Series Fuse Rating [A]	20

Material Characteristics

Dimensions	1662×1002×35mm (L×W×H)
Weight	18.6kg
Frame	Anodized aluminum profile
Front Glass	White toughened safety glass, 3.2 mm
Cell Encapsulation	EVA (Ethylene-Vinyl-Acetate)
Back Sheet	Composite film
Cells	6×10 pieces monocrystalline solar cells series strings
Junction Box	IP≧67, 3 diodes
Cable&Connector	Length 900 mm, 1×4 mm^2, compatible with MC4

Packaging

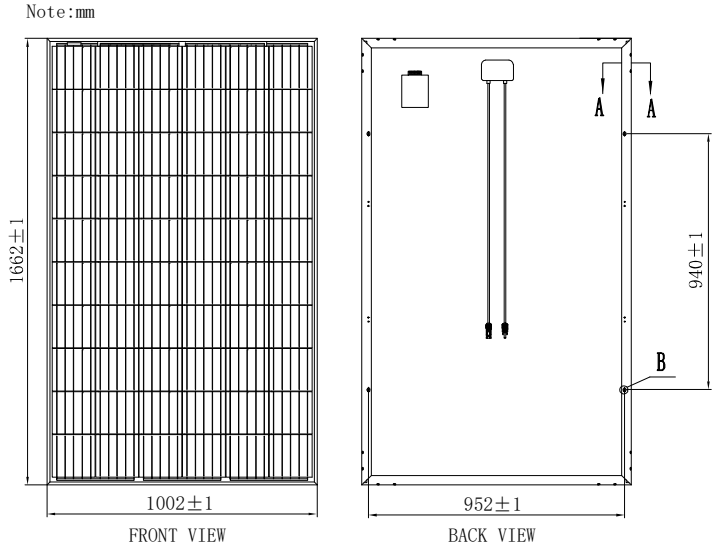
Dimensions(L×W×H)	1700×1125×1132mm
Container20'	372
Container40'	868
Container40'HC	938

System Design

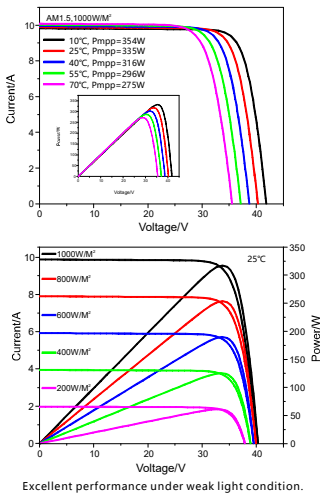
Temperature Range	-40 °C to + 85 °C
Withstanding Hail	Maximum diameter of 25 mm with impact speed of 23 m·s-1
Maximum Surface Load	5,400 Pa
Application class	class A

Dimensions

Note:mm



IV-Curves



Excellent performance under weak light condition.