



VSUN SOLAR 株式会社
TENNOZ FIRST TOWER 5F, 2-2-4 Higashi-Shinagawa
Shinagawa-ku, Tokyo 140-0002 Japan

Vietnam Sunergy Joint Stock Company
Lot III - Dong Vang Area
Dinh Tram Industrial Zone, Viet Yen District
Bac Giang province, Vietnam.
TEL: (+84) 020 4356 6688

EMEA
Vietnam Sunergy Europe GmbH
Sebastian-Kneipp-Str. 41
60439 Frankfurt am Main, Germany
TEL: (+49) 695 0506 4310

Americas
VSUN SOLAR USA INC
39899 Balentine District, Suite 200
Newark, CA, 94560
TEL: (+1) 510 573 2479

Asia Pacific
VSUN China Co.,Ltd
No. 665, Songweibei Rd
Shanghai, China
TEL: (+86) 021 5770 9572



VSUN SOLAR 株式会社



Invested by Fuji Solar, VSUN is a Japanese solar module solutions provider located in Tokyo that offers Japanese quality solar technologies globally. The business of the group (JPX stock no. 3856) started operating in Japan in 2006, later spreading to North America, Southeast Asia, and EMEA.

With headquarters and R&D based in Tokyo (Japan), sales offices in San Jose (USA), Frankfurt (Germany), Shanghai (China) and the main factory based in Bac Giang province (Vietnam), VSUN's global presence covers our customer needs in every corner of the world. VSUN's total production capacity is 1.5GW and the manufacturing base is one of the fastest-growing, the most reliable and heavily invested solar high-tech enterprises.

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.

VSUN SOLAR 株式会社

Our professional and reliable team offers exceptional solar modules solutions that cover global clients demands, including technical support, door to door logistics service and others.



OUR MISSION

VSUN employees are committed to building a world free of fossil fuels. Our goal is to promote the application of solar technology globally and to provide clean and sustainable energy for humanity to better protect our environment.

VSUN's mission is to meet the clients, help them define their goals, evaluate their choices, and make informed and confident decisions. VSUN takes care of the entire process, from design, engineering, permitting, installation to monitoring, so that going solar is a smooth and carefree process.

FUJI SOLAR

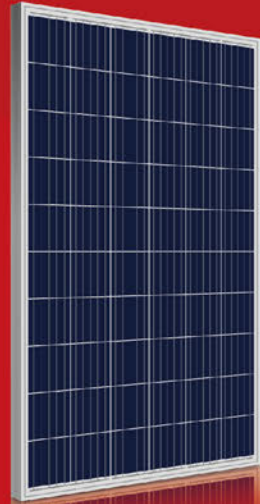
Fuji Solar is a Japanese company focusing on the development and investment of new energy power plants. At present, Fuji Solar and its group have developed and constructed more than 500MW solar plants in the Japanese market, at the same time installing at least 50,000 solar rooftop systems on Japanese households.

VSUN's parent company (ABALANCE) is listed on Japan Exchange Group (JPX), Tokyo Stock Exchange (number 3856) and is forecasting sustained strong sales growth.

EPC

Fuji Solar spreads EPC service from Japan to South East Asia providing services to companies, public institutions, utilities, and independent power producers. VNREE is one of the VSUN's Clean Energy Solutions Providers in Vietnam that offers a whole life-cycle of services including system integration, project development, EPC, asset management, operation and financing of PV power station projects.

PRODUCTS



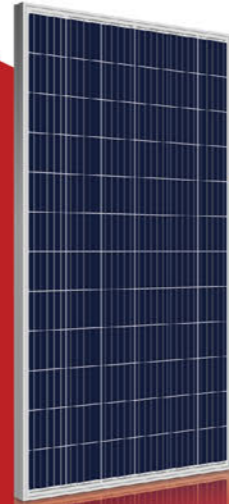
VSUN295-60PH

Power: 275 - 295 Wp
Eff: 18.17% (295W)



VSUN335-60MH

Power: 315- 335 Wp
Eff: 20.12% (335W)



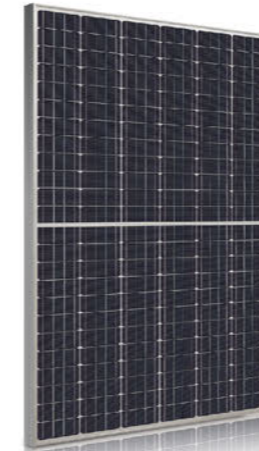
VSUN350-72PH

Power: 325 - 350 Wp
Eff: 18.07% (350W)



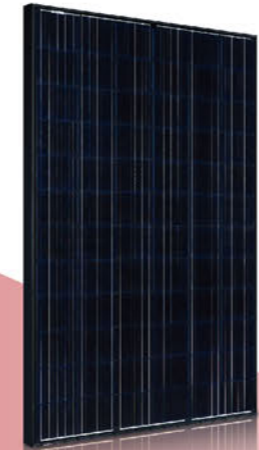
VSUN395-72MH

Power: 375 - 395 Wp
Eff: 19.89% (395W)



VSUN400-144MH

Power: 375 - 400 Wp
Eff: 19.92% (400W)



VSUN330-60M-BB

Power: 310 - 330 Wp
Eff: 19.82% (330W)



VSUN395-72MH

Power: 375-395 Wp
Eff: 19.89% (395W)



VSUN385-72BMH-DG

Power: 370 - 385 Wp
Eff: 19.15% (385W)

Half-Cell Series

- Half-Cell design
- Lower temperature coefficient
- Reduces shading loss, strengthens Anti-Hotspot performance
- High power generation efficiency
- Less current loss makes CTM optimization

Full Black Series

- Black sheet and black frame brings beautiful appearance.
- Steady power generation at weak light condition
- PID-Free, dazzle light resistance, less reflection
- PERC cells with higher efficiency and higher output power

Smart Series

- Automatically switches-off the failure module with self-protection
- Real time monitoring of PV system
- Operating parameters collection and transfer to the database
- More intelligent, safe and resistant to hotspot problems

Bifacial Double Glass Series

- Up to 30% more energy yield due to back side power generation
- Excellent low irradiance performance
- Minimizes micro-cracks and free of snail trails
- Framed design, ease of transportation and installation





PV Module Marker By BNEF

The company's strong bankability and financial stability have made VSUN a trustworthy solution partner all over Europe, the US, Southeastern Asia, and many others. VSUN SOLAR has once again proved to be a reliable "no-debt" financial partner with a sufficient non-recourse bank debt financing ability for solar projects. We enjoy confidence from leading domestic and foreign banks which have resulted in good financing channels and super low debt to assets ratio as all sides are committed to the development of the new energy business, innovative cooperation methods, and in-depth strategy.



Main Production Base in Vietnam

VSUN has implemented an elaborate plan on capacity expansion. The annual production was upgraded to 1.5GW in 2019, out of which 1GW is in Vietnam and it continues to be delivered to residential, commercial, utility and off-grid projects all around the world.

Our company has reliable supply chain partners and it has developed long-term strategic partnerships with the global suppliers which are located worldwide. We can offer the most competitive prices and high-quality, products and services which are suitable for all the needs of our customers.

Japanese Quality



VSUN has achieved competitive and superior quality in manufacturing areas; Japanese quality is the cornerstone of our products. VSUN's headquarter in Tokyo, Japan, has more than 10 years of solar energy business experience in R&D, manufacturing, engineering, and procurement and it showcases technical advantages as the core equipment of photovoltaic power plants.

It provides a whole life-cycle of clean energy professional EPC services to customers in Japan and all around South-eastern Asia with powerful R&D production base, stable operation platform, and global sales distribution. VSUN's flat organizational structure enables quick decision making that ensures all our customers are provided with a fast and smooth response to their inquiries.

After-Sales Services - Quick Response



VSUN's technical team is always at your disposal and we guarantee the response within 24 hours of your request. We offer online and offline support that ensures that all your inquiries shall be met efficiently and on time. Your call will be handled directly by our knowledgeable staff, ensuring a quick and accurate response.

Feel free to call or write today and our after-sales team will ensure punctual and efficient support. Our service starts from the installation and testing of the products and continues over time with the scheduled maintenance activities planned on photovoltaic technology and customers specific needs.

GLOBAL LOGISTICS NETWORK

VSUN has set up a professional service team to meet your needs on budget and on time. With the logistics partners and warehouses spreading worldwide, and the global mainstream PV market, including Germany, Spain, France, Japan, China, Vietnam, South Korea, Turkey, India, and Australia, VSUN provides clients with solar module logistics solutions from domestic trucking, international air and ocean shipping to warehousing. Your solar module shipment is going to arrive at its destination depending on your desired destination and transport method.





Introduction To The Automatic Production Line

VSUN adopts the most advanced and fully automated production equipment in the industry with real-time monitoring, automatic control, data acquisition & analysis. It relies on optimization, intelligence, informatization through big data, machine learning, intelligent correction, and other technologies, thus achieving a breakthrough in quality, cost control, and on-time delivery.

Following the programmed commands, VSUN significantly reduces production and labor costs, ensures output consistency quality, adopts the most advanced fully automated production line with real-time monitoring, automatic control, data acquisition, and product analysis. The fast, stable and accurate production flow relies on optimization, intelligence, informatization, machine learning, intelligent correction, and other technologies, thus achieving a breakthrough in quality, cost control, and on-time delivery.



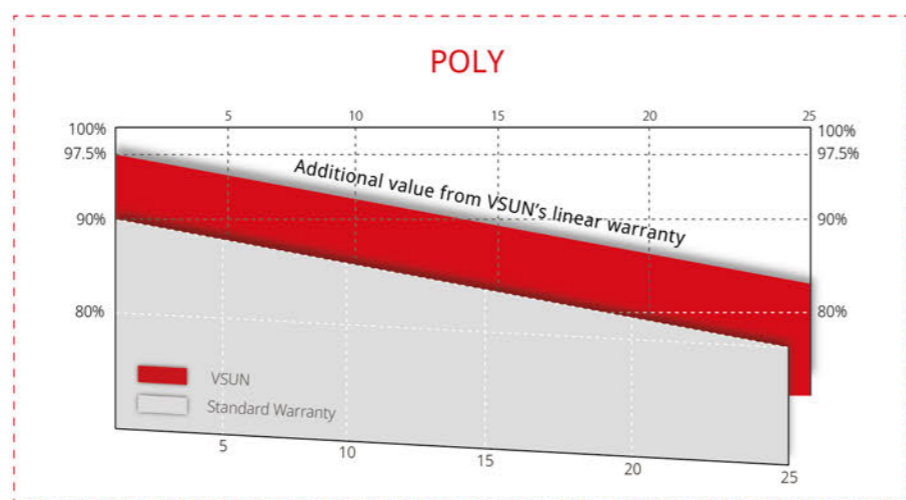
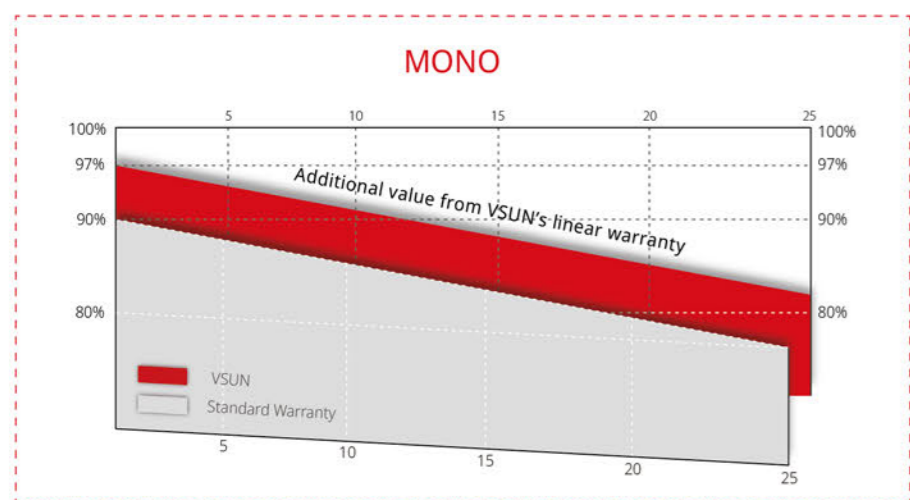
Warranty & Insurance

Product Workmanship & Linear Performance Warranty



VSUN provides **12** years of product warranty, **25**-year linear power output warranty for PV modules and **30**-year linear power output warranty for double glass modules.

The third-party independent quality insurance service is provided by Munich Re. Our Corporate Insurance Partner offers innovative risk management solutions on a global basis to deliver greater planning security for our customers.



Innovation and Quality

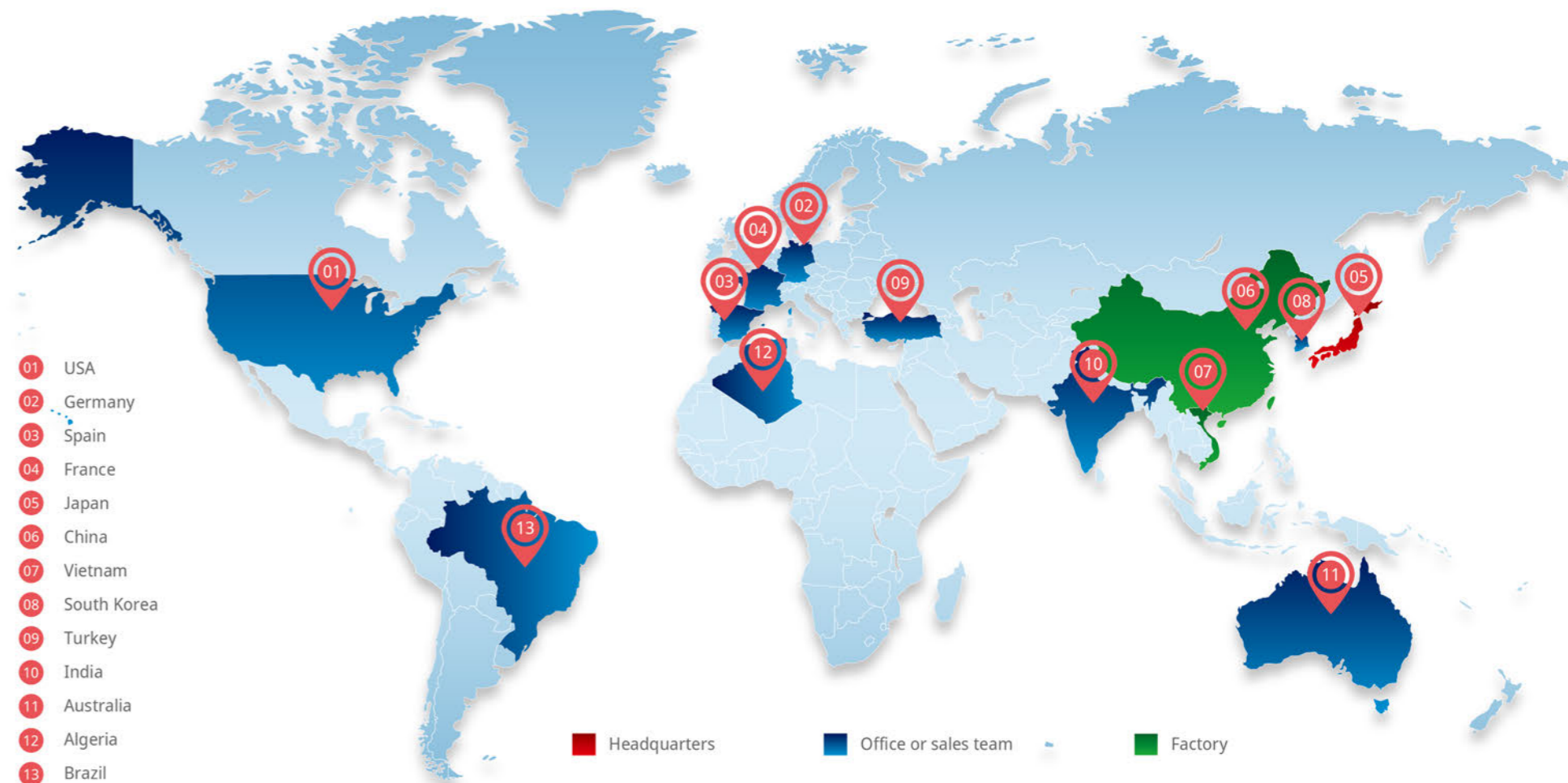
R&D lab is set up in Tokyo, led by Dr. Shirai Yasuyuki and Dr. Shigetoshi Sugawa from Tohoku University. R&D is not the only thing of innovation, it is the core concept of our value proposition and ideology in everyone's job at VSUN. Offering the best quality and services is what makes VSUN a partner of choice in highly competitive markets.

VSUN has been committed to the development of customized new products that are made for all residential and commercial needs, as well as high-capacity solutions for large utility-scale projects on the global market.

Collaboration and Teamwork

Each individual at VSUN works together towards a common goal. VSUN appreciates the diversity of ideas. We design individual performance goals that emphasize both results and teamwork that further lead to personal growth and balance the team's focus.

During the period of rapid growth, the company has actively committed to maintaining labor relations harmonious, keeping an interest in the employee's motivation, regularly organizing many sports activities and cultural enrichment of lives of our employees, organizing the technical competition, and improving the skills of our workforce.



Amsterdam, the Netherlands



System Size: 200KW
Module Type: 280Wp

Nasushiobara-shi, Japan



System Size: 200KW
Module Type: 275Wp

Ho Chi Minh City, Vietnam



System Size: 5MW
Module Type: 360Wp

Mersin, Turkey



System Size: 17.6MW
Module Type: 270Wp

Trumau, Austria



System Size: 3MW
Module Type: 330Wp

*Please visit our website for more projects information.