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Delivering top-performing Gamma Series™ Monofacial and Vega Series™ Bifacial PV modules directly from Greenville, North Carolina. Proudly made in U.S We are dedicated to making the Earth a better place for all living beings by harnessing and delivering the power of the sun. Let's work together to make solar energy a widely used and adopted energy source around the world. We are proud to be recognized as Bloomberg New Energy Finance Tier 1 and Top 10 Global PV Module Manufacturer by Wood Mackenzie and Sinovoltaics. Our PV modules consistently achieve Top Performer status on the PV Module Reliability Scorecard by PVEL Kiwa. Boviet Solar's manufacturing facilities have undergone rigorous assessment and successful verification by Black and Veatch. We utilize cutting-edge cell technologies, including Monocrystalline PERC and N-Type solar cells, known for their exceptional power, performance, and efficiency. Partner with us to accomplish your solar project goals with peace of mind, knowing that our company, products and services are trusted and reliable. We deliver solar modules engineered with advanced solar cell technology and smart design features, ensuring exceptional quality, reliability, and efficiency. Boviet solar is a leading solar energy technology company founded in 2013 in Vietnam. We specialize in manufacturing advanced monocrystalline PERC and N-Type solar cells, as well as Gamma Series™ monofacial and Vega Series™ bifacial solar modules for residential, commercial, industrial, and utility-scale solar applications. Our mission is to make the Earth a better place for all living beings by harnessing and delivering the power of the sun. The adoption and expansion of solar energy play a crucial role in mitigating climate change, promoting environmental stewardship, meeting increasing energy demands, enhancing public health, fostering economic development, and improving global quality of life. This core foundational responsibility shapes our company culture, transcending typical business goals, fueled by our dedication to responsible corporate governance, social sustainability, and environmental stewardship. Join us in utilizing the power of the sun to create a brighter and more sustainable world for generations to come. Discover our unwavering dedication Boviet Solar has been a trusted and reliable partner in the solar energy industry for over a decade. We remain steadfast in our mission to invest in our workforce, drive technological innovation, achieve manufacturing excellence, and deliver top-performing solar modules with exceptional support. Central to our operations is our commitment to supply chain transparency, adherence to international trade compliance, promotion of sustainability, and nurturing stakeholder relationships built on mutual respect and trust. Our dedication is reinforced by independent industry recognition, including being a Bloomberg New Energy Finance Tier 1 PV Module manufacturer since 2017 and ranking among the Top 10 global reliable solar module manufacturers according to Wood Mackenzie, as well as the Top 10 most financially stable PV module manufacturers by Sinovoltaics. We have also undergone rigorous independent assessments by Black and Veatch and consistently achieved top performance in PVEL Kiwa PV Module reliability testing since 2019. These accolades affirm the reliability of our company, products, and processes, enabling us to support your solar project goals and promote solar energy adoption worldwide. Partner with Boviet Solar and experience our unwavering commitment to creating a sustainable future through solar energy. Explore our resolute reliability Creating a sustainable future Top Performing PV Modules Successful Manufacturing Assessment Top 10 PV Module Manufacturer Top 10 PV Module Manufacturer Monofacial solar modules are designed to capture sunlight primarily on one side of the solar module, with solar cells located only on the front side. The rear side of the solar module typically features an opaque sheet. Gamma Series Bifacial solar modules are designed to capture sunlight on both the front and rear surface, with solar cells located on both sides allowing them to generate electricity from direct sunlight hitting the front face as well as from reflected light and diffuse irradiance on the rear face. Vega Series PERC solar cell technology enhances the efficiency of solar cells by adding a passivation layer on the rear side of crystalline silicon cells. PERC technology enhances solar cell efficiency by reducing recombination losses, allowing more effective capture and conversion of sunlight into electricity. PERC Cell Technology N-Type solar cell technology enhances solar cell efficiency by utilizing monocrystalline silicon doped with elements such as phosphorus. This doping process introduces extra electrons, creating a surplus of negative charge carriers, which significantly improves the electrical conductivity and overall efficiency of the solar cell. N-Type Cell Technology SAN JOSÉ, Calif., May 15, 2025 — Boviet Solar Technology Co. Ltd. ("the Company" or "Boviet Solar"), a leading global solar energy technology company specializing in monocrystalline PV cells and its premium Gamma Series™ Monofacial and Vega Series™ Bifacial PV modules, proudly announces that its PV module manufacturing facility in Greenville, North Carolina, USA, has received ETL certification from Intertek, a Nationally Recognized Testing Laboratory (NRTL). Read More Experience the journey of our company through a visual narrative, from our humble beginnings in Vietnam to evolving into a reliable, trusted, and long-term industry partner. This transformation is driven by the unparalleled commitment of our people and the trust that clients place in our company and products. Enjoy Video Join Us As the world continues to demand clean and efficient energy solutions, First Solar has expanded its manufacturing capabilities to meet those needs. Our workforce in Vietnam has grown to more than 1,200 associates who are leading the way in the development of solar module design and production. First Solar Vietnam is committed to producing the industry's best thin film PV modules while maintaining a safe and secure environment for our associates. Our innovative manufacturing process transforms a sheet of glass into a complete solar panel in less than 3.5 hours, and utilizes 98 percent fewer semiconductor materials than conventional crystalline silicon production. As a result, First Solar is the largest manufacturer of thin film solar modules in the world, and continues to drive innovation in cost leadership, scale and efficiency. The climate of Vietnam is a fascinating thing. Because of the differences in latitude and the marked variety in topographical relief, the country's climate tends to vary greatly for each region. However, even though that is the case, there is still one thing that all the regions share to some extent — and that is all of them do receive massive amounts of sun, with some regions getting more than the others. The sunny quality of Vietnam's climate is actually a good sign right now because it means that this country can be a place where the solar industry can thrive. And the solar industry will thrive because there is already a growing demand for renewable energy nowadays and solar is arguably the most popular choice for renewable energy. In fact, a testament to the rise of the solar industry in Vietnam is the fact that there are currently a number of solar manufacturers in the country. Here are some of the most well-known ones that you can check out. Allesun New Energy >> Allesun New Energy | Reviews, product prices, contact, CEO Incorporated in May 2006, Allesun New Energy is a company that specializes in making solar cells and solar modules, with current capacities being 300mw for solar cells and 500mw for solar modules. The company has its headquarters in San Jose, U.S.A., but it also owns two marketing or sales companies in Canada and the U.S.A. and two manufacturers in Vietnam and India. Allesun's PV modules are manufactured with the supervision of the ISO90001 standard. As a result, they have obtained TUV/Intertek (IEC CE) and CSA (UL) certificates. Boviet Solar Technology >> Boviet Solar Technology | Reviews, product prices, contact, CEO Boviet Solar Technology Co., Ltd. is a Tier 1 integrated solar cell and module manufacturer with 1 GW annual production capacity. Aside from that, Boviet is also an investor for solar projects worldwide. Boviet acquires excellent R&D, production, marketing and QC teams, and brings in the highly automatic solar cell and module production lines and inspection facilities from Germany, Spain, Japan, and China. The company's products include high-efficiency monocrystalline and polycrystalline modules, including half-cut cell modules, double glass modules, and shingled cell modules. The products have been certified by CE, TUV, ETL, UL, MCS, and many more. Aside from that, Boviet modules passed the third party reliable tests and were ranked as Top Performer in PV Module Reliability Scorecard by PVEL/DNV GL. Dehui Solar Power >> Dehui Solar Power | Reviews, product prices, contact, CEO Dehui Solar Power Co., Ltd. is an emerging force in the renewable energy industry. The company has been passionate about building a vertical supply chain, including solar cells, PV modules, energy storage systems, and project development to share value for a green future. Backed by production facilities in Vietnam, Dehui serves global customers with excellent products and services. In particular, the company's solar cells and solar modules have a capacity of 1.5GW and 2GW, respectively. Green Wing Solar Technology >> Green Wing Solar Technology | Reviews, product prices, contact, CEO Green Wing Solar Technology Co., Ltd. is a young, active, and developing manufacturer of PV modules. The company is located in Vietnam but is aiming to have the products reach countries all over the world. GW Solar is constantly making effort to provide the best high-efficiency PV products and supreme value-added services to customers, to build up a good corporation focusing on the premium market as well as the low market in terms of maintenance demanding. Additionally, GW Solar's products and solutions are available for residential, commercial and industrial, and ground-mounted. IREX Energy >> IREX Energy | Reviews, product prices, contact, CEO IREX Energy Joint Stock Company is a company whose foundation is inherited from SolarBK Group, which is one of the Vietnamese enterprises that specialize in researching and developing the products and solutions using renewable energy. IREX Energy is well-equipped with high automation machinery and modern facilities. In fact, in 2017, IREX Energy expanded the business by investing in a complex high-tech renewable energy factory in Phu My (Ba Ria — Vung Tau Province). As a result of the company's dedication to well-equipped facilities, IREX Energy is able to manufacture and to provide single solar cells as well as full solutions. IREX Energy's market is not only in Asia but is also in the U.S., the Netherlands, Turkey, Tunisia, and Europe. Additionally, IREX Energy joined InterSolar in San Francisco (the U.S.A.) in 2016, thus establishing IREX U.S.A. This new company focuses on a one-stop-shop business model, offering not only solar PV models but also providing full-package for PV system solutions in the U.S. market. Red Sun Energy >> Red Sun Energy | Reviews, product prices, contact, CEO Red Sun Energy Joint Stock Company is a joint initiative between Ho Chi Minh City and the Rhone-Alpes region of France, and it is one of the solar companies that has laid the foundations for the Vietnamese solar cell industry. In 2009, Red Sun started up a factory to produce solar panels in Duc Hoa Industrial Park in the southern province of Long An, Vietnam. The products manufactured in this factory can produce a 5-megawatt peak (MWp) or 4 million kilowatt-hours (kWh) of electricity every year. Additionally, around 40% of the solar panels will be sold on the home market while the rest will be exported to other countries. Solar Power Vietnam Technology >> Solar Power Vietnam Technology | Reviews, product prices, contact, CEO Solar Power Vietnam Technology JSC is one of the leading solar panel manufacturers in Vietnam. In particular, the company produces monocrystalline and polycrystalline solar panels with current capacities that range from 3W to 320W. Located in the suburban area of Ho Chi Minh City, Vietnam, Solar Power Vietnam makes use of solar cells from Solar World (Germany) and Suniva (the U.S.A.). As a result, the company is able to produce the best quality solar panels for the customers. Venergy Solar Industry >> Venergy Solar Industry | Reviews, product prices, contact, CEO Founded in October 2017 and located in Binh Xuyen II Industrial Park, Binh Xuyen district, Vinh Phuc province, Venergy Solar Industry Co., Ltd. is a company that aims to solve the problem of climate change and develop an advanced solar technology to help achieve their goal. Venergy Solar produces quality-ensured PV modules that are suitable for all system types: residential, commercial, industrial, and utility. The company offers the standard module as well as the Eclipse module, which is a new and innovative PV module that increases efficiency, improves reliability and aesthetics, and reduces BOS cost. Vietnam Green Energy Technology >> Vietnam Green Energy Technology | Reviews, product prices, contact, CEO Established in 2017, Vietnam Green Energy Technology Co., Ltd. is a company that specializes in processing and manufacturing solar panels. The company's factory is over 20,000 m2 in Tien Son Industrial Zone, Bac Ninh Province, Vietnam. VGE's present market focuses on exporting mainly to Europe (Turkey, the Netherlands, England, etc.), North America (Canada and the U.S.A.), and India. The company is also interested in developing a domestic market, including solar power plant projects. VSUN Solar >> VSUN Solar | Reviews, product prices, contact, CEO Invested by Fuji Solar, VSUN Solar is a solar solution provider that offers reliable and high-efficiency solar products and technology globally. The company began operating in Japan in 2006, and it later spreads to North America, Southeast Asia, Europe, the Middle East, and Africa. VSUN's R&D is based in Tokyo, with sales offices in San Jose (U.S.A.), Frankfurt (Germany), and Shanghai (China), as well as a production base in Bac Giang province (Vietnam) and Zhejiang province (China). Vina Solar Technology >> Vina Solar Technology | Reviews, product prices, contact, CEO Also known as Vietnam Photovoltaic Technology, Co., Ltd., Vina Solar was established in 2014, and in 2016, the supporting Vietnam Battery Technology Co., Ltd. was established to improve the industrial chain layout and further enhance the core competitiveness of the company. Vina Solar's primary products are solar modules and solar cells. Vina Solar has the PV module design capacity of 4.5GW and the cell design capacity of 1.8GW. As a result, the company's output value is US$1 billion. Focus Production Trading Service >> Focus Production Trading Service | Reviews, product prices, contact, CEO Focus Production Trading Service Co., Ltd. is a solar company that is located in Tan Thanh Ward, Tan Phu District, HCMC. The company's primary products include inverter and charge controllers. Takeaway Despite a wide variety of climate conditions in Vietnam, the country is still incredibly rich in sunlight. Because of this, Vietnam is a promising place for the solar industry to thrive. And the solar industry truly is starting to grow in Vietnam. There are now numerous enterprises that focus on manufacturing high-quality solar products, including solar panels, solar mounts, and other solar accessories, for residential, commercial, and industrial purposes. The twelve companies mentioned above are some of the most well-known solar manufacturers in Vietnam. For that reason, if anyone in Vietnam is interested in going solar, they could do that with no problem at all. If you reside in Vietnam right now and you want to buy solar products for your home or your workplace, then you should contact the companies mentioned above. They're a good place to begin your solar journey. Vietnam, a rapidly developing country in Southeast Asia, is experiencing a significant increase in solar energy adoption. The government has introduced favorable policies, incentives, and targets to promote clean energy sources, particularly solar power. As a result, numerous solar panel manufacturers have emerged in Vietnam, contributing to the country's renewable energy goals. In this article, we will highlight the top 20 solar panel manufacturers in Vietnam, considering their market share, product quality, innovation, and contribution to the sustainable energy sector. 1. SolarBK: SolarBK is one of the leading solar panel manufacturers in Vietnam. Recognized for its high-quality products, this company focuses on research and development, constantly innovating to improve solar technology. SolarBK's solar panels are known for their durability, efficiency, and reliability, making them popular among both residential and commercial users. 2. Sunseap Group: Sunseap Group is an internationally renowned solar panel manufacturer with a strong presence in Vietnam. Known for its innovative solar solutions, the company specializes in the design, manufacture, and installation of high-performance solar panels. Sunseap's commitment to sustainability and clean energy has positioned it as a leading choice for solar panels in Vietnam. 3. RISEN Energy: RISEN Energy is a global solar panel manufacturer and supplier that has established a strong presence in Vietnam. The company offers a diverse range of solar panels, catering to various energy needs. Known for their high-efficiency and cost-effective solutions, RISEN Energy's panels are widely used in residential, commercial, and industrial projects throughout Vietnam. 4. Hanwha Group: Hanwha Group is a South Korean conglomerate that has made significant investments in renewable energy, including solar panel manufacturing. With operations in Vietnam, Hanwha Group produces top-quality solar panels that align with the country's sustainable energy goals. The company's panels are widely recognized for their efficiency, performance, and reliability. 5. Trina Solar: Trina Solar, a multinational solar panel manufacturer, has a strong presence in Vietnam. The company's panels are known for their high conversion efficiency and reliability. Trina Solar offers a diverse product range, catering to both residential and industrial customers. Their superior module quality and exceptional after-sales service have solidified their position among the top solar panel manufacturers in Vietnam. 6. Canadian Solar: Canadian Solar is a globally recognized solar panel manufacturer that has established a strong presence in Vietnam. Offering advanced solar panel technologies, their products are widely adopted for residential, commercial, and industrial applications. Canadian Solar's panels are known for their high energy conversion efficiency and excellent performance in various weather conditions. 7. JinkoSolar: JinkoSolar, another international solar panel manufacturer, has a significant market presence in Vietnam. The company focuses on producing high-quality solar panels that offer exceptional reliability, performance, and durability. JinkoSolar's panels are widely used across Vietnam for residential, commercial, and utility-scale solar projects. 8. Ja Solar: Ja Solar is a Chinese solar panel manufacturer that has expanded its operations to Vietnam. The company provides a wide range of solar panel solutions, including monocrystalline and polycrystalline modules. Ja Solar's panels are known for their high efficiency, light weight, and outstanding performance, making them popular in the Vietnamese solar market. 9. Longi Solar: Longi Solar, a leading Chinese solar panel manufacturer, has a significant presence in Vietnam. Known for its innovative approach, Longi Solar specializes in high-performance monocrystalline modules. The company's solar panels are highly efficient and have a prolonged lifespan, allowing users to maximize energy output while reducing installation and maintenance costs. 10. GCL System Integration: GCL System Integration is a renowned solar panel manufacturer that offers comprehensive solar energy solutions in Vietnam. The company's solar panels are built using advanced technologies, ensuring exceptional performance and reliability. GCL System Integration focuses on providing high-efficiency monocrystalline and polycrystalline modules for various applications. 11. Hanergy Thin Film Power: Hanergy Thin Film Power is a global leader in thin-film solar panel manufacturing. With a presence in Vietnam, Hanergy develops sustainable solar energy solutions using thin-film technology. Their lightweight and flexible solar panels are suitable for diverse applications and have gained popularity among Vietnam's solar energy users. 12. Shunfeng International Clean Energy: Shunfeng International Clean Energy is a multinational company that produces and supplies solar panels worldwide, including Vietnam. Their panels are known for their efficient energy conversion and exceptional durability. Shunfeng's commitment to technological advancements has made them a preferred choice for solar power generation in Vietnam. 13. Jolywood: Jolywood, a leading manufacturer of N-type bifacial solar cells and modules, has a significant presence in Vietnam. Their high-efficiency solar panels utilize advanced technology to enhance energy generation. Jolywood's products are widely adopted in large-scale solar projects, including solar farms and industrial installations. 14. Seraphim Solar: Seraphim Solar, a Chinese solar panel manufacturer, has expanded its operations to Vietnam. The company focuses on producing reliable solar panels that offer high efficiency and endurance. Seraphim Solar's modules are well-regarded for their resistance to environmental factors, making them suitable for various applications across Vietnam. 15. HT-SAAE: HT-SAAE, a prominent solar panel manufacturer in China, has a strong market presence in Vietnam. The company provides a broad range of solar panel solutions known for their excellent performance, durability, and energy efficiency. HT-SAAE's panels are frequently used across Vietnam for residential, commercial, and utility-scale installations. 16. Talesun Solar: Talesun Solar, a Chinese solar panel manufacturer, has gained popularity in the Vietnamese solar market. The company offers a wide range of photovoltaic modules known for their high efficiency and long-term reliability. Talesun Solar's panels are suitable for various applications, including rooftops, ground-mounted systems, and solar farms. 17. Astronergy: Astronergy, a subsidiary of the Chint Group, is a well-known solar panel manufacturer in Vietnam. The company focuses on producing high-quality solar modules that meet international standards and certifications. Astronergy's panels are widely used in residential and commercial installations, providing reliable and efficient solar power solutions. 18. Sunrise Solartech: Sunrise Solartech is a local Vietnamese solar panel manufacturer. The company emphasizes the use of local resources and the application of advanced technologies to produce high-quality solar panels. Sunrise Solartech's panels are designed to withstand extreme weather conditions, ensuring long-term performance and reliability. 19. Sunergy Vietnam: Sunergy Vietnam is a local solar panel manufacturer that offers high-quality photovoltaic modules. The company focuses on delivering efficient and sustainable solar solutions, contributing to Vietnam's renewable energy goals. Sunergy Vietnam's panels are widely adopted in residential and commercial projects throughout the country. 20. Luxen Solar: Luxen Solar is a rapidly growing solar panel manufacturer in Vietnam. The company offers a wide range of solar modules known for their performance and reliability. Luxen Solar focuses on delivering cost-effective solar energy solutions to meet the increasing demand for renewable energy in Vietnam. vietnam Solar ManufacturingLaurence Ricky2025-03-23T13:15:10-07:00 A group of companies that decline to be named but say they are players in the U.S. solar industry have asked the U.S. Commerce Department to impose antidumping (AD) and countervailing duty (CVD) orders on a handful of producers of crystalline silicon photovoltaic cells and modules that are imported from Malaysia, Thailand, and Vietnam. The American Solar Manufacturers Against Chinese Circumvention filed three petitions through the law firm Wiley Rein requesting that Commerce investigate what it said are "unfairly traded imports" from the three countries. The group said that circumvention of antidumping and duties on Chinese solar products has "hobbled the U.S. industry, eviscerated our supply chains, and put our clean energy future at risk." (Read "Solar modules are being detained by customs agents, reports suggest.") The group asked the Commerce Department to investigate the following companies: Malaysia: Jinko Solar Technology Sdn. Bhd.; LONGi (Kuching) Sdn. Bhd. and its affiliate Vina Cell Technology Company Limited and Vina Solar Technology Company Limited; JA Solar (Malaysia) Co., Ltd. or JA Solar Malaysia Sdn. Bhd. Thailand: Canadian Solar Manufacturing (Thailand) Co., Ltd.; Trina Solar Science & Technology (Thailand) Co., Ltd.; Talesun Solar Technologies Thailand or Talesun Technologies (Thailand) Co., Ltd.; Astroenergy Solar Thailand Co., Ltd Vietnam: Trina Solar (Vietnam) Science & Technology Co., Ltd.; Canadian Solar Manufacturing (Vietnam) Co., Ltd.; China Sunergy Co., Ltd. in Vietnam; Boviet Solar Technology (Vietnam) Co., Ltd. or Boviet Solar Technology Co., Ltd.; GCL System Integration Technology (Vietnam) Co. Ltd.; Vina Cell Technology Company Limited and Vina Solar Technology Company Limited; LONGi Green Energy Technology Co., Ltd.; JinkoSolar (Vietnam) Co., Ltd. The Commerce Department has 45 days to initiate an investigation based on the petitions, said Timothy Brightbill, a partner in the Wiley Rein law firm. A preliminary determination could be issued in 180 days with a final determination in around a year's time. He said that any duties would be retroactive to the start of the investigation. Timothy Brightbill Brightbill said in an interview with pv magazine USA that the group's requested action is similar to action taken in relation to cold-rolled and corrosion-resistant steel from China. After duties were put in place, Chinese companies were found to be sending steel to third countries for final processing before being exported to the U.S. In that case, tariffs were imposed country-wide. The scope being sought by the group he represents is more narrowly focused on a handful of companies. He declined to name members of the antidumping organization, saying that "Given the Chinese control of the entire solar supply chain, retaliation is likely if their identities are revealed." In such situations, the companies who make up the coalition "are allowed under U.S. law to remain confidential," he said. Imports The Energy Information Administration's 2020 Annual Solar Photovoltaic Module Shipments Report, released on July 30, said that solar PV imports totaled just under 19.3 million peak kilowatts, and exports totaled 376,483 peak kilowatts. The EIA report listed Vietnam as the top source of PV imports to the U.S. at 8.1 million peak kilowatts. South Korea and Thailand combined were second at 4.4 million peak kilowatts, and Malaysia was third at 3.2 million peak kilowatts. The report lumped together imports from China, Hong Kong, Singapore, and Taiwan, which totaled less than 950,000 peak kilowatts. Origins The original AD and CVD investigations on imports of crystalline silicon PV cells were launched in November 2011. The U.S. International Trade Commission separately determined that U.S. producers were being materially hurt by the imports, and the Commerce Department in December 2012 imposed import tariffs. In 2019, the Department extended both import tariff orders. The current antidumping China-wide rate is 238.95%. Certain Canadian Solar companies and certain JinkoSolar companies received 95.50% AD rates in the last completed review, the petition said. Certain Trina Solar companies received a 92.52% AD rate, also in the last completed review. The countervailing duty "all others" rate is 15.24%, although certain Canadian Solar, Trina Solar, and Jinko Solar companies received a 11.97% CVD rate in the last completed review. In their petition, the U.S. companies complain that after AD/CVD duties were imposed on Chinese-origin solar cells, Chinese integrated producers started building cell and module assembly plants across Southeast Asia, while continuing "to rely heavily" on Chinese labor, raw materials, and inputs. The petition alleged that "Chinese producers have developed a circumvention scheme." Image: Pixabay The petition alleged that "Chinese producers have developed a circumvention scheme" that involves moving the end of the production process for CSPV products to a third country "for the express purpose of avoiding AD/CVD duties." At the same time, the Chinese producers retained "as much of the subsidized supply chain and labor as possible in China." Ports of call The petition also claimed that China's share of global capital expenditures continues to grow and to "dwarf" the rest of the world. For example, in 2020, China accounted for around 80% of solar-related polysilicon production in 2020, and 95% of global production of wafers in 2019. In turn, most of the CSPV products imported into the United States arrive from Southeast Asia post-assembly, the petition said. But around 70% of the actual value of the equipment accrues to China where key pre-assembly steps in the making of the equipment take place, including production of solar-grade silicon, ingots, wafers, and cells. Production costs from Southeast Asian nations generally account for around 27% of the value of a typical PV module exported to the U.S. Image: Pixabay As a result, production costs from Southeast Asian nations generally account for around 27% of the value of a typical PV module exported to the U.S., the petition said. This is despite those nations most likely being the last port of call before final, assembled equipment arrives in the U.S. The petition claimed that in 2011, the U.S. imported $336,806 of CSPV cells and modules from Thailand. Since then, imports from Thailand have increased to over $1.4 billion in 2020. Through the first five months of 2021, imports from Thailand reached $532 million of imports. In addition, Thai import value share of CSPV cells and modules went from a 0.01% share of total U.S. imports in 2010 to nearly 20% in the first five months of 2021. Similarly, the U.S. imported $1.3 million of CSPV cells and modules from Vietnam in 2011, the petition alleged. Since then, Vietnamese imports have risen to more than $1.6 billion in 2020, and more than $681 million in the first five months of 2021. Vietnam's import value share of CSPV cells and modules went from less than a 1% share in 2010 to nearly 25% in the first five months of 2021. Finally, U.S. imports of CSPV cells and modules from Malaysia rose from around $576 million in 2011 to more than $2.3 billion in 2020. The petition concluded that these import trends "are a strong indication" that Chinese producers "are circumventing" antidumping and countervailing duty orders by shipping Chinese-origin components to the three Southeast Asian countries for completion into CSPV cells or modules "to be sold at dumped and subsidized prices" in the United States. This content is protected by copyright and may not be reused. If you want to cooperate with us and would like to reuse some of our content, please contact: editors@pv-magazine.com. As solar is becoming cheaper and more popular, choosing among the many solar energy companies in Vietnam is getting harder, especially so as each installer may offer you different packages, services and energy solutions. Finding the right solar installer for your roof is important in ensuring a hassle-free installation that you are satisfied with.Already convinced by the benefits of solar for the environment, your electricity bills and more but overwhelmed by tasks like assessing roof suitability or choosing solar panel types? Engaging a professional solar installer will ease the entire process. We have curated a list of top rated solar energy companies in Vietnam who are trusted and offer quality services. Note that this list is in alphabetical order. 1. Green Wing Solar TechnologyGreen Wing Solar Technology primarily specializes in residential, commercial and industrial solutions for solar panel installation. Being led by a mission to constantly strive for the best, high efficiency PV products, as well as supreme value-added services to customers, its focus lies not just on the premium market, but also the average Vietnamese market in terms of maintenance operations. Whether it is the solar cell, EVA or even the glass, you can rest assured that all components undergo strict indoor testing from the best suppliers and high level TUV certificates. Not to mention, all solar panels are guaranteed up to 15 years of workmanship warranty to boot. Website: ﾠContact No.: (+84) 222 2220 669 / (+84) 91 5663035Email: duongthithuong@greenenergysolar.vnAddress: Lot D1-1, Dai Dong-Hoan Son Industrial Zone, Hoan Son Commune, Tiên Du District, Bac Ninh Province, Viet Nam.Types of Services: Residential, Commercial and Industrial2. Hexagon PeakA one stop shop for corporate's green energy procurement, Hexagon Peak works with leading international Solar Installation companies (EPCs) to design, build and maintain the state-of-the-art solar systems the group owns. Unlike other solar energy companies, Hexagon Peak is a solar system provider, working with world's best practices in construction and operation of rooftop and utility scale solar power plants. As a solar financing company, they will handle all upfront costs for the Solar Photovoltaic (PV) system and work with local solar companies to execute a feasibility study for customers' energy needs before sending a draft proposal for a renewable energy PPA. Having established a network of some of the best solar companies in Asia and Europe, you can rest assured that Hexagon Peak will meet your solar panel needs.Website: Contact No.: +84901305779Email: milan@hexagonpeak.comAddress: Miss Ao Dai Building Level 10, 21 Nguyen Trung Ngan District 1, HCMC, Vietnam Types of Services: Commercial, Industrial and Off-Grid3. InposWith more than 50MWp and 70MWp of rooftop solar in operation for 2021 and 2022 respectively, as well as 100 MWp of rooftop solar in pipeline under their belt, Inpos is a reliable solar developer you can trust with your commercial and industrial projects, having worked with notable companies such as Foxconn and BGG. They primarily specialise in investment focused rooftop and developer rooftop solar projects, while also offering general contractor services such as project implementation, operation and maintenance of rooftop solar power projects.Website: No.: 0246 656 4567Email: inpos@inpos.com.vnAddress: No 23, BT3, Phap Van-Tu Hiep, Hoang Liet, Hoang Mai, Hanoi City.Types of Services: Commercial and Industrial4. PECC2Being over 35 years of development, Power Engineering Consulting Joint Stock Company 2 (PECC2) has been growing significantly and is becoming one of leading brand names in the power sector of Vietnam. The company has worked on over 100 power source projects and hundreds of power network projects nationwide, contributing to its reputation as a well-trusted brand in the industry.Website: No.: (028) 2221 6468Email: info@pecc2.comAddress: 32 Ngo Thoi Nhiem Street, Vo Thi Sau Ward, Dist. 3, HCMC, VietnamTypes of Services: Industrial5. Shire Oak InternationalAs the leading renewable energy investor in the UK, Europe and Vietnam, Shire Oak International promises the right rooftop solution for you, no matter where your business is situated. Shire Oak International offers a unique offering to customers: It absorbs the cost of installation as well as initial Operation and Maintenance for all solar systems. Clients can then choose one of two pricing models over a desired lease period to pay for their solar energy and obtain full ownership of the system once it is transferred back at the end of the lease period for a nominal fee of just USD $1.Website: No.: (+84) 28 3620 1286 / (+84) 24 3936 7963Email: vietnam@shireoakinternational.comAddress: Văn phòng Hồ Chí Minh: 112/11 & 112/13 Khu Biệt Thự Kim Sơn, Đường Nguyễn Văn Hưởng, Phường Thảo Điền, TP Thủ Đức, Thành phố Hồ Chí Minh, Việt Nam Types of Services: Commercial and Industrial6. Sunseap Group Pte LtdFor the Vietnam market, Sunseap CMX RE is a joint venture between InfraCo Asia and Sunseap Group which provides the following services: Solar Power Purchase Agreements (PPA), Engineering, Procurement and Construction (EPC), and Operation and Maintenance (O&M) services. Sunseap similarly adopts a Solar PPA model, allowing commercial building owners to utilise solar energy without having to pay an upfront investment cost. Not only do they fully finance your solar system, alongside the installation and maintenance of it, Sunseap only charges the solar energy consumed by the building at a competitive electricity tariff rate over 20 - 25 years, ensuring that you get the most bang out of your buck.Website: No.: -Email: jeff.lim@sunseap.comAddress: Floor 5, Do Thanh MeKong Building,81 Cao Thang, Ward 3,District 3, HCM CityTypes of Services: Commercial7. TekjoyEstablished with an aspiration to become a leading energy solution provider in Vietnam. Tekjoy aims to develop environmentally, cost-effective technology solutions while fostering the sustainable growth of businesses in Vietnam. With a team of leading energy experts in Vietnam, who have the knowledge of geographical and climatic conditions, and experienced engineers in construction and operation projects, they are capable of consulting suitable solutions for customers, providing quick returns on investments.Website: No.: (+84) 028 6272 1899Email: contact@tekjoy.vnAddress: 36 Street 11, TANHUNG Ward, District 7, HOCHIMINH CityTypes of Services: Commercial and Industrial8. TTCL Vietnam CorporationTTCL Vietnam Corporation Limited (TVC), the first integrated Engineering, Procurement and Construction (Integrated EPC) company in Vietnam, was incorporated on 19 February, 1997 by a joint-venture between a Vietnamese partner and TTCL Public Company Limited (TTCL) – the leading integrated EPC Contractor in Thailand. The Company's competitive advantage is developed based on the professionally specialised engineering teams well trained with state-of-the-art plant engineering expertise and project execution knowledge, providing turnkey solutions that promises international quality, at affordable, competitive costs.In their 20 years of operation, the Company has undertaken successfully in engineering and constructing more than 100 plant projects, gaining the trust of clients and the company reputation to the community for service quality, safety, effective operation and on-time delivery.Website: ﾠContact No.: +(84-28) 39977118Email: sales@ttcl-vn.comAddress: 11th Floor, Centre Point Building, 106 Nguyen Van Troi Street, Ward 8, Phu Nhuan District, Ho Chi Minh City, Viet NamTypes of Services: Industrial9. Vietnam Solar Power Utility CompanyVietnam Solar Power Joint Stock Company (SPUC) is a joint venture between Dragon Capital Investment Fund and Ecosphere Renewables Company (UK). Based in Vietnam, it has extensive experience in the design, construction, and operation of solar roof power systems to provide clean energy for business customers with competitive prices to EVN's electricity prices.Website: No.: 0976418768Email: sales.vn@be-cis.comAddress: 2nd Floor, 68 Nguyen Co Thach, KDT Sala, P. An. Loi Dong, District 2, Ho Chi Minh City, VietnamTypes of Services: Commercial and Industrial10. VSUN SolarVSUN Solar, having more than 10 years of solar energy business experience in R&D, manufacturing, engineering, and procurement, is a solar module solution provider situated across different countries, including Vietnam. VSUN Solar prides itself on its technology from Japan that offers reliable and high efficiency solar products. With many accolades under its belt, including "TOP 1 Solar Modules Producer in Vietnam 2020" from the Scientific Council of Vietnam Energy Magazine, VSUN Solar is a company that you can surely approach for your residential, industrial and commercial needs. Website: No.: (84)2043566688Email: vsun@vietnamsunergy.comAddress: Lot III – Dong Vang, Dinh Tram Industrial Park, Nenh Town, Viet Yen District, Bac Giang Province, Vietnam.Types of Services: Residential, Commercial and IndustrialGetSolar: Who Are We?Our SocialsFacebook / Instagram / LinkedInAt GetSolar (formerly Solar AI) we're a passionate team based in Singapore committed to the mission of decarbonising our energy grid. Our innovative rent-to-own solar model is designed to bring solar energy within reach for homeowners, removing upfront costs and simplifying the process with a straightforward monthly payment plan. This approach effectively overcomes the challenges associated with embracing solar energy.As of now, our services are exclusively available within Singapore's borders. However, we invite you to connect with us on our social media platforms. The future holds exciting possibilities, and who knows, we may expand our reach beyond Singapore one day. When that time comes, you'll be among the first to know! Solar power is getting hotter like the sun. Many solar panel factories have been investing and developing in Vietnam in order to meet both the potential and the increasing demand for solar power. This article would like to send readers top 8 solar panel factories under construction, as well as the ones having operated in the Vietnamese market. First Solar is a globally famous manufacturer of thin film solar panels in the US. The First Solar project in Dong Nam Industrial Park (Cu Chi District, Ho Chi Minh City) was granted an investment certificate in January 2011 and launched into construction two months later. After suspending operation for a while, in early 2018, First Solar confirmed that it would restart investment activities in the Vietnamese market. Accordingly, First Solar invested an additional $360 million for the construction of a second high-tech 1.2GW solar panel factory, bringing the company's total investment in Vietnam up to $830 million /$1.2 billion of the committed investment capital. The project is implemented with the goals and scale of: manufacturing solar panels with an output of 800 MW/year and solar panels with an output of 1,000 MW/year. The total investment capital of the project is 22 million USD, in which the contributed capital to implement the project is 5 million USD. The expected factory area for use is nearly 11,000 m2. 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Beside owning two lines of Mono and Poly solar panels exported to Europe and America; IREX also has a 100% automatic production line of photovoltaic cells (solar cell). The manufacturing process meets the international standards: Design standards and requirements for IEC 61215: 2005, safety standards for UL 1703 solar panels, for IEC 61730 : 2004 flat solar panels, quality management system ISO 9001: 2008. Vina Solar is a project of Vietnam Vina Solar Technology Co., Ltd (a member company of Canadian Solar Power Group). In early 2018, Mr. Qu Xiao Hua – President of the Solar Power Group (Canada) had a meeting with Lao Cai provincial leaders to facilitate the group to launch a project of building a crystal pulling factory, casting, cutting solar panels with a total investment of 1 billion USD in Lao Cai province. Total estimated land area for the factory construction is 228 ha. If approved by Lao Cai province for implementation, this project will create jobs for about 10,000 workers. In 2011, the project of Indochina Energy Industry Company (IC Energy) solar panel factory was officially started at Chu Lai Open Industrial Park (Quang Nam). The plant has a total capacity of 120MW/year, including 4 modules and auxiliary production lines for solar panel production. The total investment value is over 390 million USD with advanced technology from Europe and America. In 2017, the solar panel factory of Trina Solar (Vietnam) Science & Technology Co., Ltd. was officially inaugurated and put into operation in Bac Giang. The total designed output of the plant reached 1GW, which is the largest solar panel factory in Vietnam today. This is Trina Solar's 7th solar panel production project in Bac Giang that came into operation. Trina Solar (Vietnam) Science & Technology Co., Ltd is a company with 100% investment capital of Trinasolar China Group, with total investment up to 100 million USD, and factory area of 42,000 square meters, 14 modern production lines, manufacturing a variety of monocrystalline and polycrystalline panels, and exporting to all continents of the world. In November 2016, JA Solar Vietnam factory was started in Quang Chau industrial zone, Bac Giang province. This project of investor JA Solar Investment Lim