



GDI
www.Greenindustry.ae



Construction of **Solar Power Plants**

www.Greenindustry.ae

Since 2010, with the UAE government's strong support for renewable energy development, Green Industry has independently undertaken solar power plant construction projects in the country. The company has successfully completed numerous projects in this field.

Despite the stringent standards in the United Arab Emirates, Green Industry Company has successfully qualified to be listed among the approved companies of DEWA (Dubai Electricity and Water Authority).

Green Industry Company offers the following comprehensive services in the solar power plant sector:

Design

Design, Engineering, Installation, and Commissioning Services:

Solar power plant design is meticulously carried out by our expert engineers using the advanced PVsyst software. With decades of experience in executing EPC projects across various industries, this company possesses a solid foundation for undertaking solar energy project.

Panel

Solar Panel Supply:

Green Industry Company is the official representative of Trinasolar for the supply of solar panels. All solar panels supplied by Trinasolar come with a 25 year warranty.

Inverter

Solar Inverter Supply:

Solar inverters from renowned brands such as SMA, ABB, Growatt, INVT, and Solar OMNIK are available to meet diverse customer needs. All solar inverters supplied by the company come with a 5-year warranty.

Structure

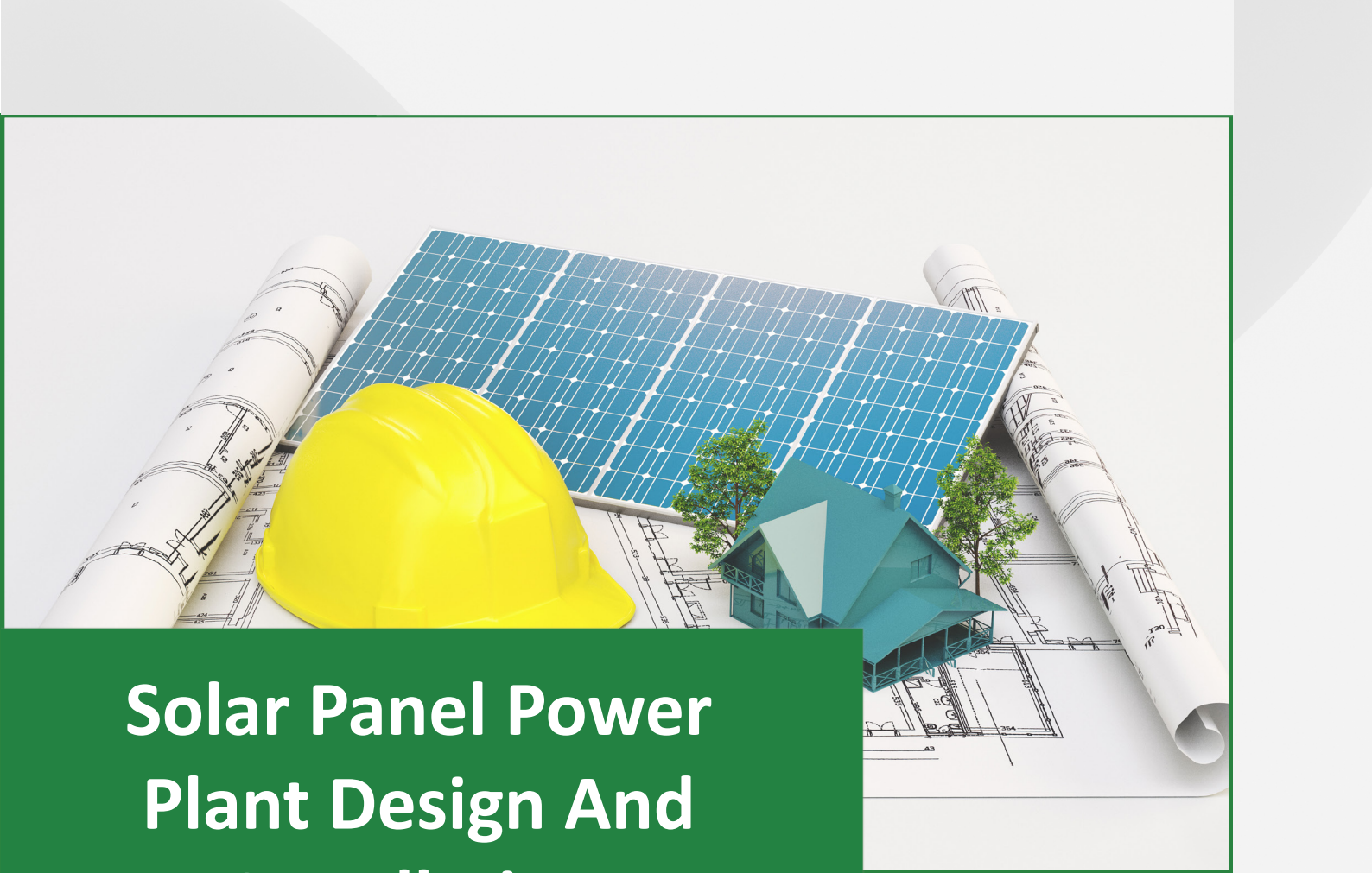
Solar Structure Fabrication:

Solar structures are fabricated using anodized aluminum, galvanized steel, or stainless steel, depending on project requirements and customer preferences. The design and fabrication of these structures adhere to international standards such as NZS/AS 1170, ASCE 7-10, and JIS 2017. The structures are designed for optimal packaging to minimize weight and volume during transportation, while ensuring easy and rapid assembly and installation at the site.

accessories

accessories:

we can provide all accessories such as:
cable (DC/AC), panels and switchgear, transformers, weather stations, connector and ...



Solar Panel Power Plant Design And Installation

Engineering



Procurement



Installation



Design, Engineering, Installation, and Commissioning Services:

GreenIndustry Company provides end-to-end services for the design and construction of solar panel power plants, combining its expertise in engineering, procurement, and construction (EPC) to deliver efficient, scalable renewable energy solutions. The company handles every aspect of the project, from site evaluation and feasibility studies to detailed engineering and layout design, ensuring optimal solar exposure and system efficiency. GreenIndustry manages the procurement of high-quality components, including solar panels, inverters, and mounting structures, and oversees the construction phase with a focus on safety, quality, and timely execution. By integrating advanced technologies and sustainable practices, GreenIndustry delivers fully operational solar power plants that meet energy goals while reducing environmental impact.



SOLAR PANEL



ELECTRICITY



GREEN ENERGY



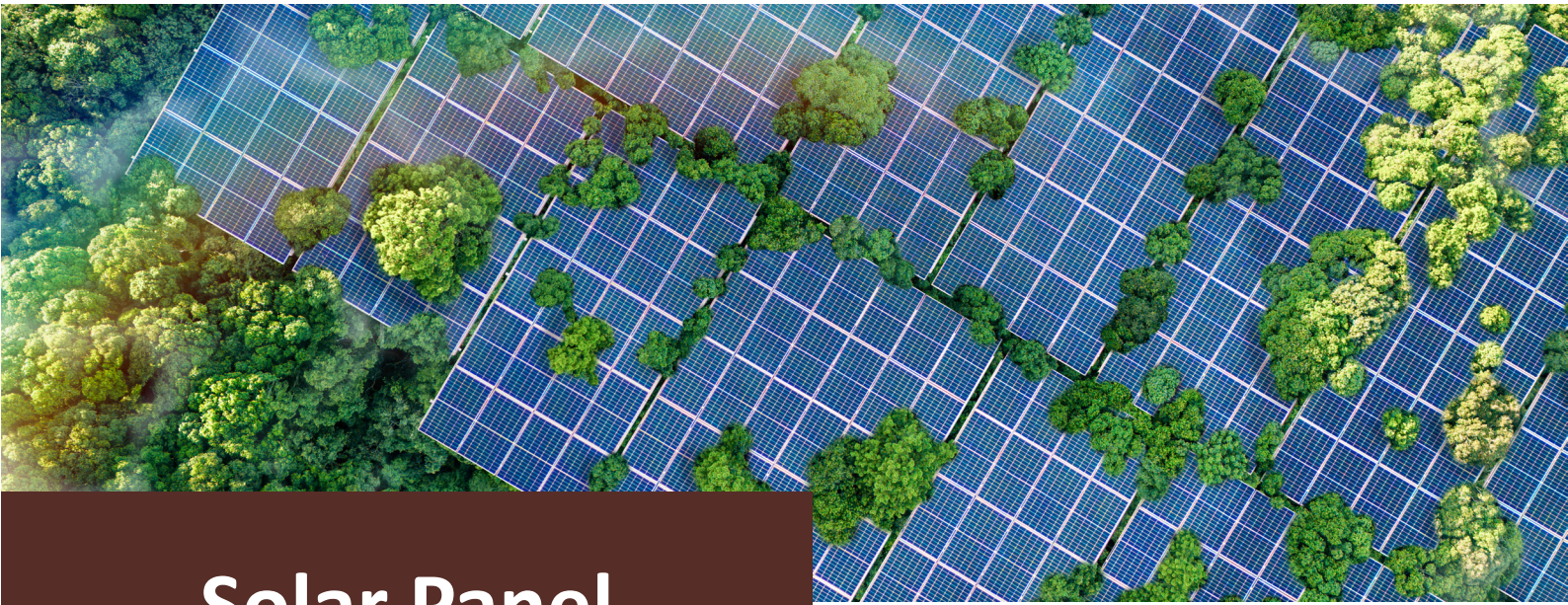
ELECTRICITY



RENEWABLE
ENERGY



SOLAR POWER



Solar Panel

GreenIndustry Company offers specialized procurement services for solar panels from various top-tier brands, ensuring clients receive the best technology suited to their project needs. With a strong network of global suppliers, GreenIndustry conducts thorough market research and supplier evaluations to source solar panels from trusted manufacturers known for efficiency, durability, and innovation. The company manages the entire procurement process, including comparing brands for optimal performance, negotiating contracts, and handling logistics. By sourcing from multiple reputable brands, GreenIndustry provides clients with flexible options tailored to budget, energy requirements, and sustainability goals, while ensuring the solar panels adhere to industry standards and certifications.





GreenIndustry Company offers expert procurement services for inverters used in solar panel systems, sourcing from a variety of well-known brands to ensure optimal energy conversion and system reliability. Leveraging its extensive supplier network, GreenIndustry evaluates and selects inverters that match the specific technical and operational needs of each solar project, whether for residential, commercial, or industrial applications. The company handles every aspect of procurement, from assessing the performance, efficiency, and compatibility of inverters to negotiating contracts and managing logistics. By offering a wide selection of inverters from trusted brands, GreenIndustry ensures that clients receive cost-effective, high-quality products that maximize the energy output and longevity of their solar installations.



Inverter for Solar Panel

WWW.GREENINDUSTRY.AE



GreenIndustry Company offers comprehensive services for the design, production, and procurement of solar panel structures made from a variety of materials, including steel, aluminum, and other specialized materials. With a focus on engineering precision, GreenIndustry designs custom structures that are tailored to specific project requirements, ensuring optimal durability, weather resistance, and ease of installation. The company can also procure high-quality prefabricated structures from trusted suppliers, ensuring that materials like steel or aluminum meet industry standards for strength and longevity. Whether designing or sourcing, GreenIndustry manages the entire process, including material selection, structural analysis, and logistics, to provide cost-effective, reliable mounting solutions for solar panels across residential, commercial, and industrial installations.

Structure for Solar Panel