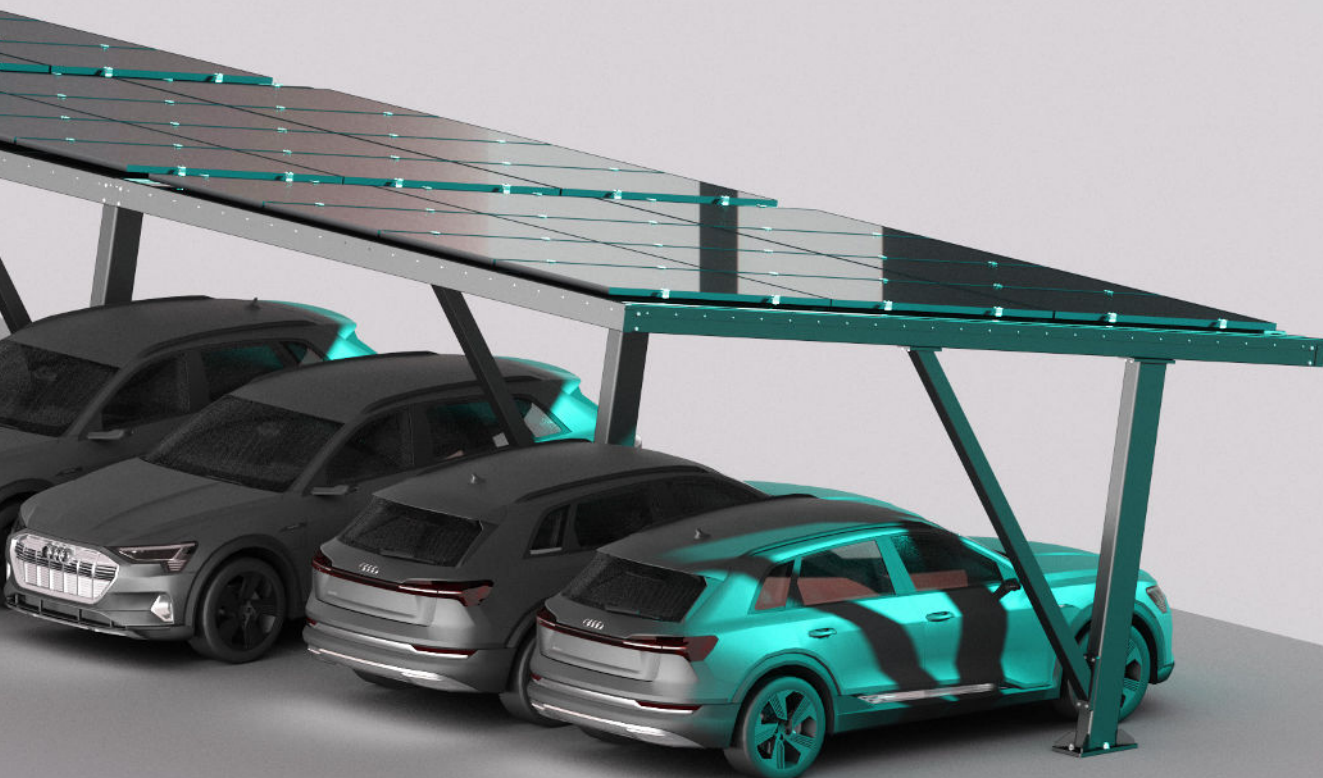


Pioneering solar technology

With the clean energy generation becoming more prevalent every day, manufacturers within the industry play a crucial role in the implementation of solar energy projects around the world. A leading supplier of mounting systems for solar modules, Mounting Systems GmbH has established itself as a trail blazer in the sector. In this article, we take a closer look at the company, its history, products and its contribution to the promotion of renewable energy.



This year, Mounting Systems GmbH celebrates an important anniversary, as it looks back on 30 years of successful operation. A multitude of milestones, successes and innovations over the past three decades are testament to the company's continuity and success in a rapidly evolving solar industry.

History and company development

The company was founded in 1993 in Rangsdorf, Germany, and has gone on to write an impressive success story. It started as a regional supplier of mounting systems

for solar modules, quickly expanding its business field to the international market. Today, it is present in over 150 countries worldwide and has established itself as a trusted partner for solar energy projects.

Products and innovations

The business offers a wide range of mounting systems for solar modules, characterised by their quality, reliability and ease of installation and the company is constantly developing innovative solutions to meet the changing needs of the solar industry. From roof mounting systems to ground-mounted

solutions and carport integrations, Mounting Systems GmbH has the right solution for every application.

Great emphasis is placed on the quality of its products, with a strong focus on sustainable and durable materials. The 'Made in Germany' seal stands for quality, reliability and precision worldwide. By producing in Germany, the company follows strict quality controls to ensure that its mounting systems meet the highest standards. This promise of quality has made the brand a preferred partner for customers around the world.



Discover maximum energy performance with an innovative and flexible industrial solar carport solution

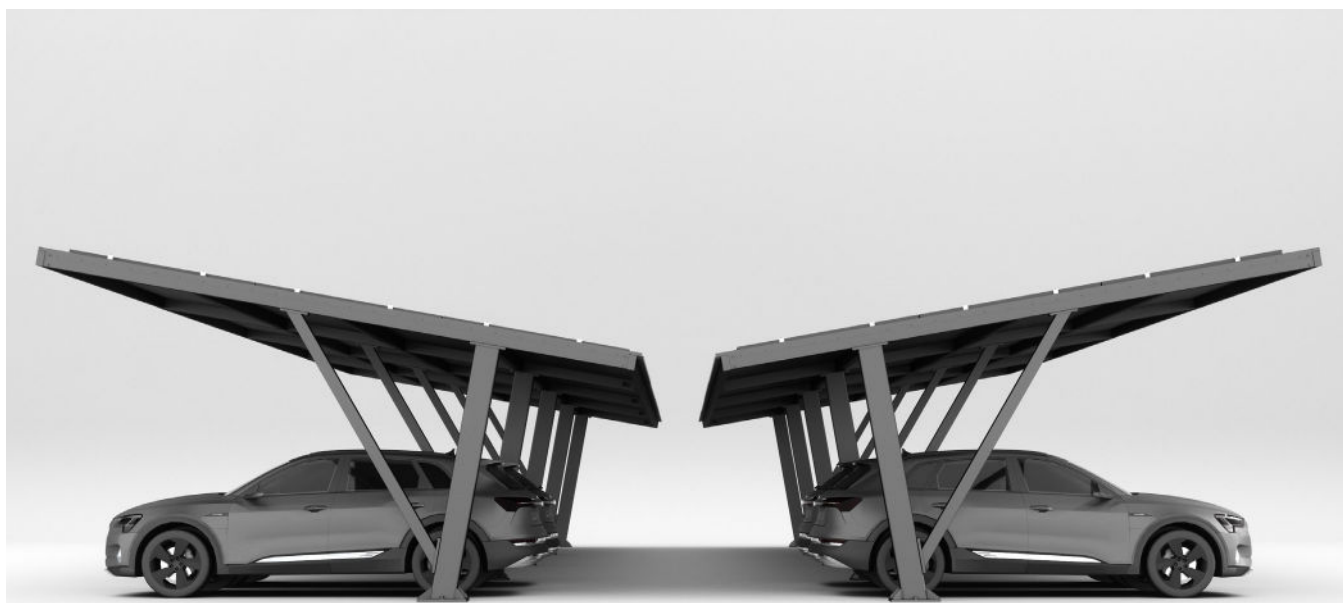
By using the power of the sun to supply electric vehicles and companies with environmentally friendly energy, Mounting Systems GmbH uses high-quality elements and an individual design, to set new standards in efficient car parking. Their sleek and aesthetic design not only offers a variety of powder-coated colours, but also extra drainage for each individual segment, so that beauty and functionality go hand in hand. However, it is not only the design that is convincing. The E-Port Vario S1 Industrial line is made of robust and resistant steel, ensuring durability and high weather resistance thanks to the anti-corrosion zinc coating that defies the elements.

The business leaves nothing to chance, with statistics that are independently tested and confirm the quality of its products. Tested for different zones from light to heavy wind and snow loads, the highest standards are met, so they are ready to withstand any challenge. Installation is quick and easy too, both of the car port itself and the substructure on the trapezoidal sheet, with a solid concrete foundation as the building base. The company's flexible and versatile solutions provide a choice between a south or east-west orientation and the structure can be designed individually, whether in line or in reverse, with customised floor plans.

The perfect balance between function, durability, design and cost

The latest innovative development from is the first release of the next generation





of flat roof products, designed for ease of installation and multi-functional use. After many in-depth consultations with installers and developers across the globe, the company took the decision to offer a 10° south, a 15° south and a 10° east west flat roof option in just one new system.

The same key components are used for all three variations, so by simply changing the position of the supports, the customer can have three different inclinations of the same system for mounting on flat roofs. The new flat roof system is equipped with fully integrated cable management, with hooks attached to the module supports, into which the installer can attach the cables between the modules. The base rail is designed to provide sufficient space for cable containment, and its cover allows the tradesman to lay the cables in a protected manner. The rails are also equipped with gutters that provide additional space for cables so that they do not have to lie in water on the roof.

Initial results show very favorable ballast results compared to many existing systems on the market. This is because of the aerodynamic design that incorporates different wind deflectors in critical positions, and state-of-the-art wind tunnel expertise.

Additional testing was carried out to really focus on creating a low ballast system, reducing the loads on the roof and being compatible with various roof coverings. The system can be ballasted on roofs up to 30 meters high as standard, with higher buildings available on request. The ballast is

inserted into the newly developed tray which can accommodate a vast amount of different size blocks which are commonly found across Europe and further afield.

Onwards and upwards

The high demand for Mounting Systems GmbH's quality assembly systems has led to a significant extension and expansion of its production facility. To meet the increasing demand, the company has doubled its production capacity and expanded its infrastructure. This strategic decision enables it to meet the growing needs of the market and supply its customers faster and more efficiently.

The expansion of the production facility also underlines the company's long-term commitment to growth and innovation. By investing in state-of-the-art technologies and equipment, it can strengthen its position as a leading provider of solar mounting solutions and remains able to support the growing demand for sustainable energy generation.

Contribution to the promotion of renewable energy

The brand plays a crucial role in the promotion of renewable energy and the worldwide spread of solar energy. Through its high-quality mounting systems, the company enables the installation of solar modules in different environments and on different surfaces, so that solar energy can be used for a wide range of applications, such as private households, commercial buildings and large solar power plants.

Furthermore, Mounting Systems GmbH contributes to the reduction of CO₂ emissions by reducing the use of fossil fuels and promoting the transition to a sustainable energy supply. The mounting systems enable an efficient orientation of the solar modules to take advantage of the maximum solar radiation and thus maximise energy production.

The business has established itself as a leading player in solar mounting technology and makes a significant contribution to the promotion of renewable energy worldwide. With high-quality mounting systems and constant innovation, the company plays an important role in the implementation of solar energy projects and the reduction of CO₂ emissions. With its commitment to sustainability and quality, Mounting Systems GmbH will undoubtedly continue to play a key role in the development of the solar energy industry in the future.

 www.mounting-systems.com

Be part of the solar revolution at Solar & Storage

Visit the Mounting Systems GmbH stand at Solar & Storage in Birmingham and discover its full portfolio of innovative solar mounting systems. As a leading exhibitor, it proudly presents its customised solutions for all types of solar installations. Step into the world of precision, quality and sustainability and be inspired by its commitment to a greener future.