



Press release

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K2 carport system with added value: simple - flexible - aesthetic

In combination with a PV system, carports offer additional power generation potential and enable the dual use of sealed surfaces. A covered parking space with a photovoltaic system not only protects vehicles from the weather, but also provides a practical connection to the charging infrastructure. The new carport system from K2 Systems is based on a modular concept that can be flexibly adapted to local conditions and is therefore ideal for medium and large parking areas.

In modern urban development concepts, carports are increasingly becoming part of parking space management from a sustainable perspective. And companies and municipal operations are also faced with the task of covering their energy requirements in a sustainable and economical way. In many cases, carports must be easy and uncomplicated to implement in an existing infrastructure.

As a single-support system, the K2 carport solution has the advantage that there are fewer obstacles to consider when parking and opening doors. It is also easier to get in and out of the car. With a minimum height of 2 m and a maximum height of 3.15 m, safe and convenient parking is guaranteed for a wide range of vehicles. Both compact cars and taller commercial vehicles will find sufficient space and protection.

Single and double rows with a 10° inclination and a module layout in portrait orientation can be implemented. Trapezoidal sheet metal can be selected for the roofing, which offers robust protection and a classic look. If you prefer a more modern look, you can install bifacial modules without trapezoidal sheet metal cladding, which allow additional light to enter the storage area. An optional rainwater drainage system can be integrated so that precipitation is drained away in a controlled manner. The system impresses with its appealing aesthetics and can be customized in terms of colour on request.

Great flexibility meets minimal planning and implementation effort

K2 Co-CEO Katharina David is convinced: "With our carport solution, we offer a modular and aesthetic system that can be used flexibly and offers double added value as a result: protected parking space and sustainable energy generation."



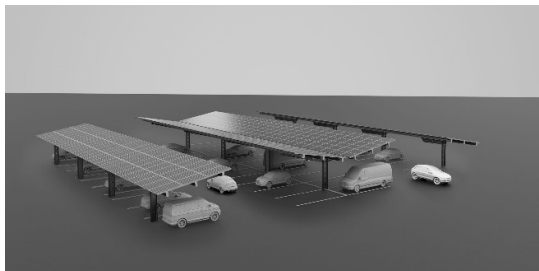
Connecting Strength

K2 Systems developed the carport solution together with MHB Montage GmbH from Merkendorf, with planning being carried out by the K2 team of experts. "Collaborations like this are the key to being able to offer customers optimal solutions that ultimately pursue one goal: to drive forward the energy transition," says Katharina David, delighted with the successful collaboration. A form for inquiries is available on the mounting system specialist's website: <https://k2-systems.com/anfrage-carport/>

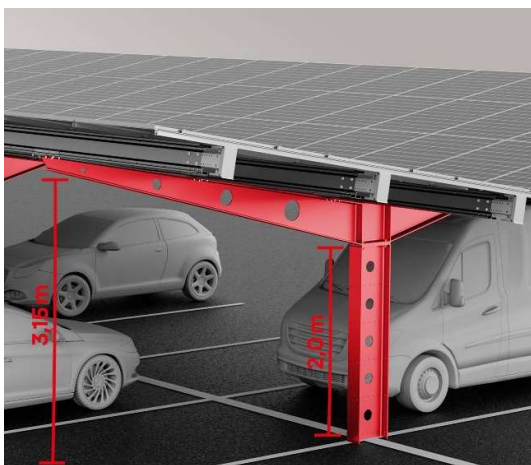
More information: <https://k2-systems.com/produktloesungen/k2-carport-system/>



Thanks to its modularity, the K2 carport system can also be easily and flexibly integrated into an existing parking space concept.



The K2 carport system can be installed in single or double rows with a 10 degree inclination in portrait orientation.



With a minimum height of 2 meters and a maximum height of 3.15 meters, there is enough space for both cars and higher commercial vehicles.



Connecting Strength

K2 Systems GmbH is one of the world's leading manufacturers of photovoltaic mounting systems with twenty years of experience. Founded in 2004 and headquartered in Renningen near Stuttgart, the company offers universal components for flat and pitched roofs that are easy to install, durable and safe. The company's portfolio also includes mounting systems for façades, ground mounts and carports. Digital services, such as the K2 Base planning software, support the process, making PV projects quicker and easier.

K2 Systems develops in Germany, manufactures predominantly in Europe, and focuses on a sustainable sourcing strategy. PV systems with K2 substructures are in use in over 130 countries and generate approximately 110 GWh per day. The heart of its strategy is the development of easy-to-install mounting systems that are precisely tailored to the needs of customers. With around 420 employees at twelve global locations and in close cooperation with international partners, the company is working towards the vision of global electricity generation from solar energy. This is how K2 Systems is driving the energy transition.

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