

## THE FUTURE OF PARKING

### Solar Carports by GP JOULE

One surface, two benefits: with the easy-assembly Solar Carports from GP JOULE you will gain not only space but also energy. While your car is kept cool and dry under the shade of the carport, solar panels on the roof catch the sunlight and use it to generate climate-friendly electricity - either for personal use or to feed into the grid, depending on dimensions.



# EVERYTHING UNDER ONE ROOF

## Advantages of the GP JOULE Solar Carport



**Simple:** The modular design incorporates prefabricated components, ensuring quick assembly and commissioning.

**Economical:** Minimum use of time and materials, maximum surface area - this principle combined with the solar electricity production allows users of the GP JOULE Solar Carport to gain either great savings potential or a good return.

**Secure:** The design, created by the company HABDANK, which boasts over 90 years' experience in metal and steel processing, has been statically tested and secured against wind, snow and impact loads to ensure that GP JOULE Solar Carports can resist even extreme weather conditions.

**Flexible:** The option of single or double elements allows the system to be adapted to all surface sizes and conditions.

**Service oriented:** Whether for customers, visitors or employees, covered parking spaces are a welcome luxury. They protect the car from rain and provide pleasant shade on warm days.

# SUNCATCHER FOR SHADY PARKING SPOTS

## The 2in1 solution by GP JOULE

The GP JOULE Solar Carport combines the pleasant with the useful: a comfortable parking spot for your vehicle, covered with an optimal surface for solar electricity production.



In this way, you can - depending on plant dimensions - save energy costs by producing your own electricity or achieve attractive profits by feeding the electricity into the grid. You will also be immune to increases in electricity costs.

### Quick and simple

GP JOULE will be on hand from the planning stage through to implementation and, if required, can also take care of the installation on site and the foundation works. The simple system, made by skilled craftsmen to proven HABDANK quality standards, can also be installed by the user themselves (see below).

### Designs

The GP JOULE Solar Carport is available in a single or double design. For dimensions, see below.

### Scope of delivery

The high-quality, statically tested carport components comprise the steel frame, the trapezoidal sheet covering, the panel fixing system and the required fixing agents. The solar panels are also included, providing 2.5 kW power per single element.

### Optional extras

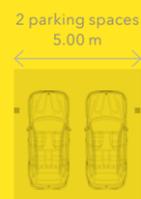
A drainage system, lighting, advertising space and colour variants are also available on request.

This robust and attractive system is ideal for large public or commercial car parks, for example at sports centres or event venues, hospitals, furniture shops, DIY superstores or supermarkets as well as companies.

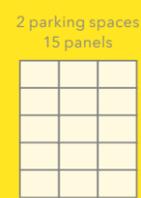
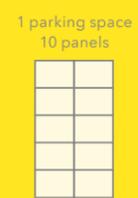
# WELL POSITIONED

## Installation & dimensions

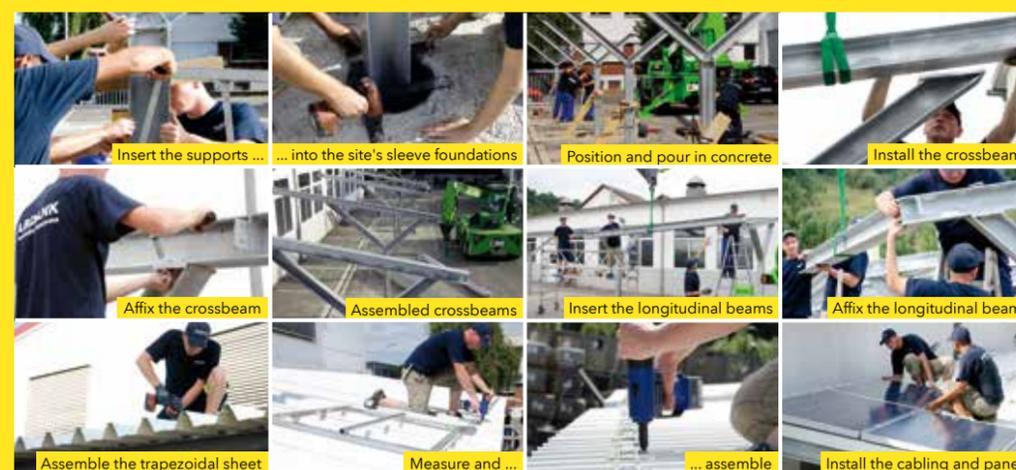
### Single-row arrangement 'SINGLE LOW'



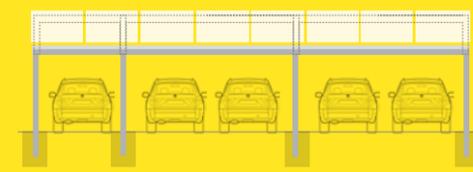
### Single-row arrangement 'SINGLE HIGH'



### Step by step assembly



### Double-row arrangement 'DOUBLE'



The covered parking spaces can be arranged in rows of any desired length and in any combination.

## GP JOULE - THE COMPANY.

GP JOULE is the universal, innovative, authentic and successful partner for all areas of renewable energy.

Thanks to its unique history, the company GP JOULE has a deeply rooted attitude towards the environment, which is dominated by respect and an awareness of its responsibility. This is the basis for and the driving force behind the way in which GP JOULE uses the connection between humans and nature in a mutually beneficial manner.

In GP JOULE you will find a long-term partner with far-sighted vision. GP JOULE aims to ensure that 100% of global energy consumption is produced using renewable energy in the future. This is why it makes renewable energy accessible and economically attractive for you and for everyone.

In the energy segments solar, wind and biogas, GP JOULE will be at your side in all project phases, from the first idea to its realisation, and it also manages plants after they have been switched on as part of its professional operational management service. GP JOULE stands for innovation and constantly researches cutting-edge technology and develops comprehensive future-oriented concepts.

Whether as a land owner, project developer, EPC, investor, bank, company, institution, engineer, architect, local authority or end customer - within the service categories of Products and Services, Projects, Think and Consumer, you can find your partial or complete energy solution by GP JOULE.

