CARPORT business

Operate your own power station with a charging station!

Make money with clean energy for elektromobility.

Run your own solar CARPORTbusiness, earn money from charging electric cars and participate in the future of sustainable energy. Invest in your own charging station and generate a stable and long-term profitable income.

We bring innovative solutions to the market that combine sustainable energy with earning opportunities. Our solar CARPORTbusiness is not only a technology of the future, but also a profitable investment – they allow their owners to earn money by charging electric cars while contributing to the green transformation of transport.

With state-of-the-art production processes, which we continuously optimize, we ensure the highest quality, longevity and efficiency of our systems. Each CARPORTbusiness is designed to withstand weather conditions for at least 30 years and bring long-term stable income to its owner.

With our CARPORTbusiness, you not only protect the environment, but also build your own renewable energy business.

Get a functional turnkey business from us.

CARPORT business

Do you own a parking area, an apartment building with a parking lot, a plot of land, a company parking lot, or an unused area? Do you have at least 6 or 12 or more parking spaces?

CARPORTbusiness is a tool to earn around 25% of the investment every year for the price of a small apartment in Prague, depending on the location, frequency of charging, installed technology, power plant output, type of chargers and power consumption in the place.

For 30 years, you earn without the need to have an employee on site and to be physically on site all the time.

CARPORTbusiness is a self-service charging station with a power plant and payment terminals, which produces electricity for chargers and takes what it does not produce automatically from the grid.

You register the place in the map of chargers, set up a local advertisement and just watch how the money comes to your account.

We will help you arrange the necessary permits.

Delivery time approx. 3-4 months.

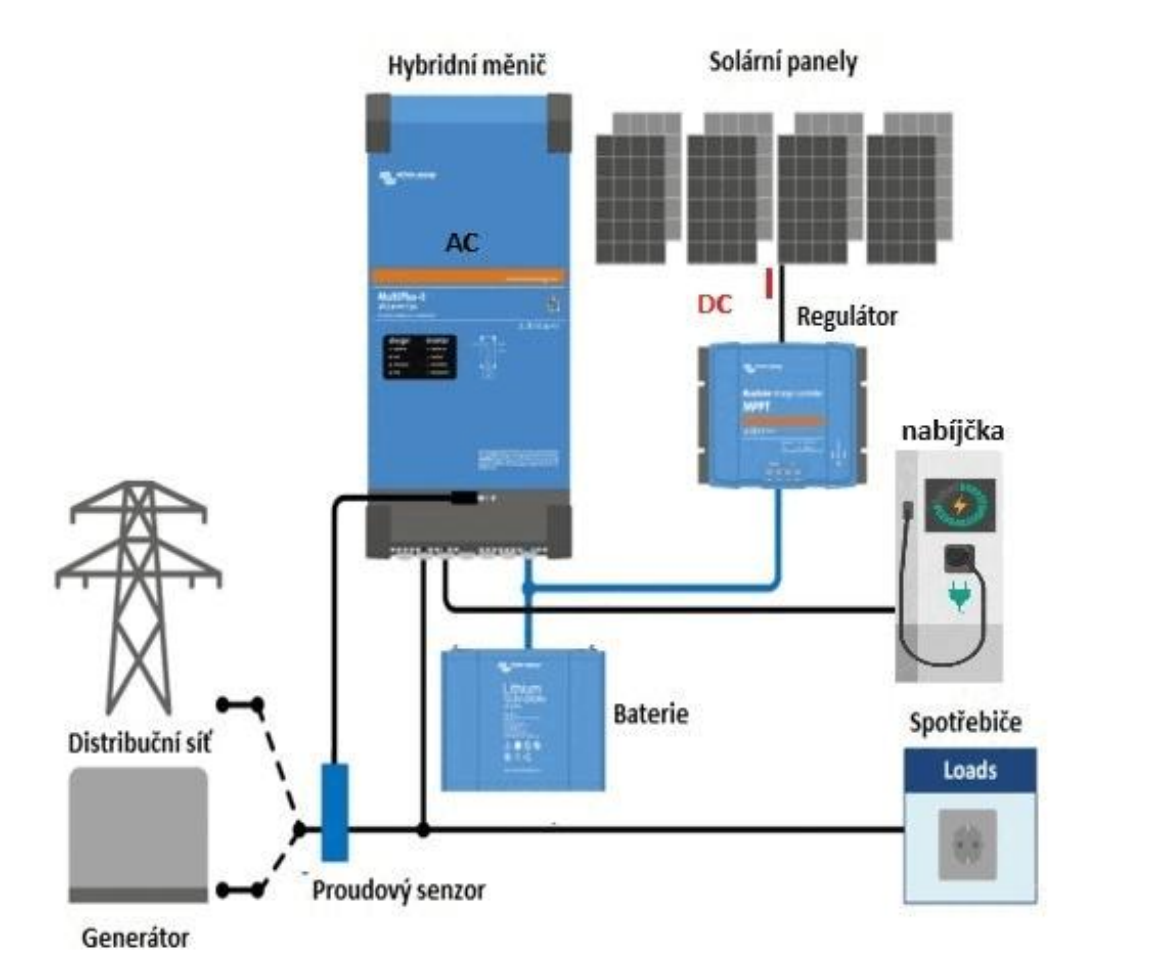
CARPORTbusiness – Solar
Future charging technology.

- We provide solutions for the electric car charging business and possible reduction of the energy load of adjacent buildings and covering parking spaces. It is a tool to:
- Operate eco-friendly commercial AC and DC EV charging stations profitably.
- To effectively reduce the cost of operating buildings thanks to the electricity generated that does not require charging.
- To roof cars and protect them from the weather.
- The company thus becomes environmentally responsible and profits after only 3-4 years of operation for another 26 years.

- CARPORTbusiness is suitable for roofing entire parking lots, it can also be built as a complete cover for parking spaces.

- The system is modular - one CARPORTbusiness module 1 = 12 parking spaces and can be optionally equipped with AC/DC chargers, battery storage of various capacities.
- In addition, the system can heat solar panels to thaw snow in winter and has integrated heated gutters.
- The structure can carry 1m of snow per 1m2 and wind resistance of 160km/h.

Description of the power plant function

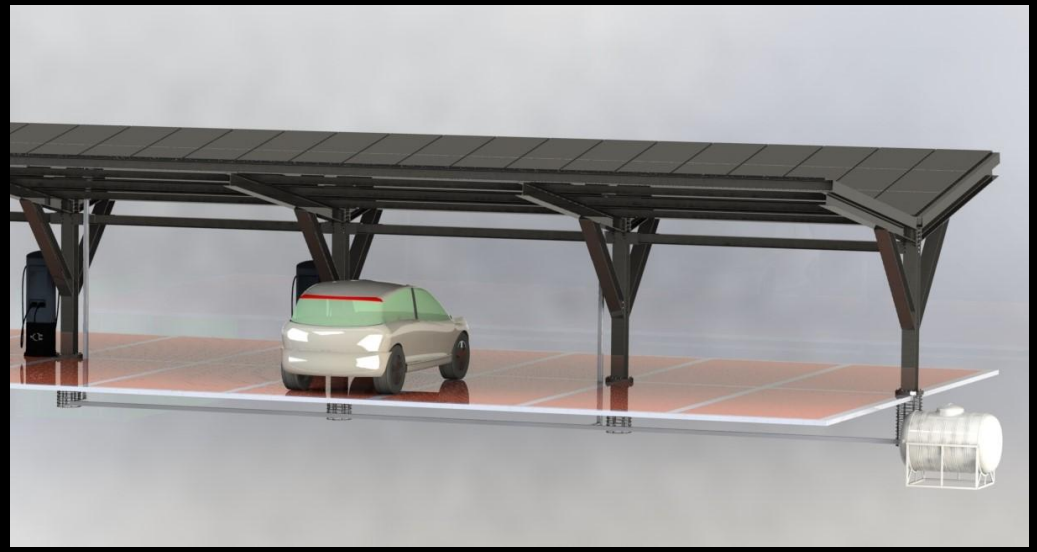


The main component of hybrid power plants is the Hybrid Inverter, which has an input from the batteries for island mode and an input from the distribution network for switching to this backup.

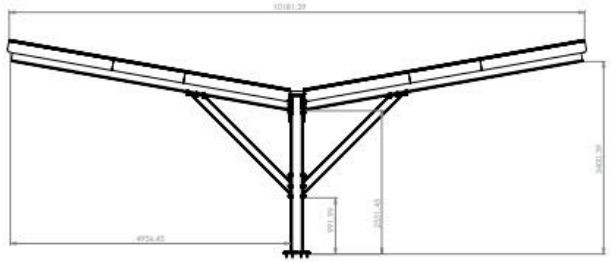
It is a voltage converter and charger in one. It includes a pure sine wave inverter, adaptive charging, hybrid PowerAssist technology and other features for integration into various types of systems. It is equipped with one AC input for connecting the distribution network or e.g. a generator. The AC1 output ensures an uninterrupted power supply, e.g. in UPS mode, the MultiPlus takes over the power supply to connected consumers in less than 20 milliseconds in the event of a grid or generator failure. The second output is only functional if the AC input is connected to the distribution network or generator. A load that would quickly discharge the batteries can therefore be connected to this output and will be powered only from the AC source.

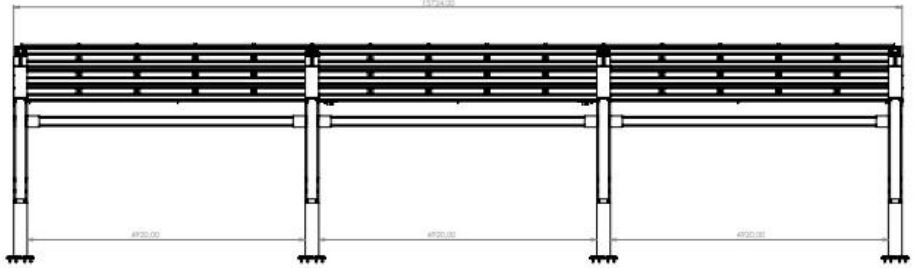
Hybrid photovoltaic power plant, electric car chargers, rainwater storage system.

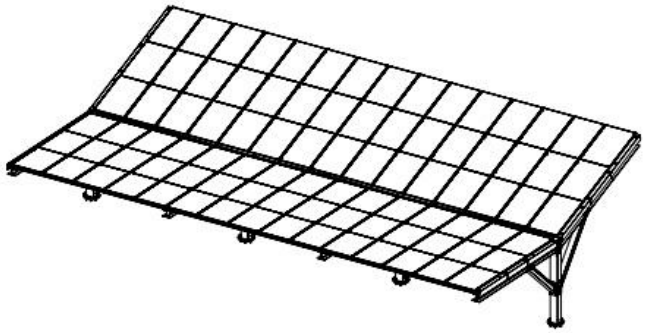
- Hybrid photovoltaic power plants with electric car chargers. Parking people in your car park can charge their electric car at the same time.
- The energy is distributed to the charger directly from the power plant, or supplemented by consumption from the battery storage, and if the supply from the power plant is not enough, the system can supplement the consumption from the external distribution network.
- In order not to be too sudden and to avoid large fluctuations in consumption, the system can be set up so that the batteries are partially recharged from the grid during periods when the power plant is not producing.
- The entire system can be controlled and if more customers connect to fast charging electric cars, the system will divide the capacity for individual chargers.
- A rainwater harvesting tank can be added to the systems already described, which can be used as a utility tank. The overflow from the reservoir is connected to the storm sewer.

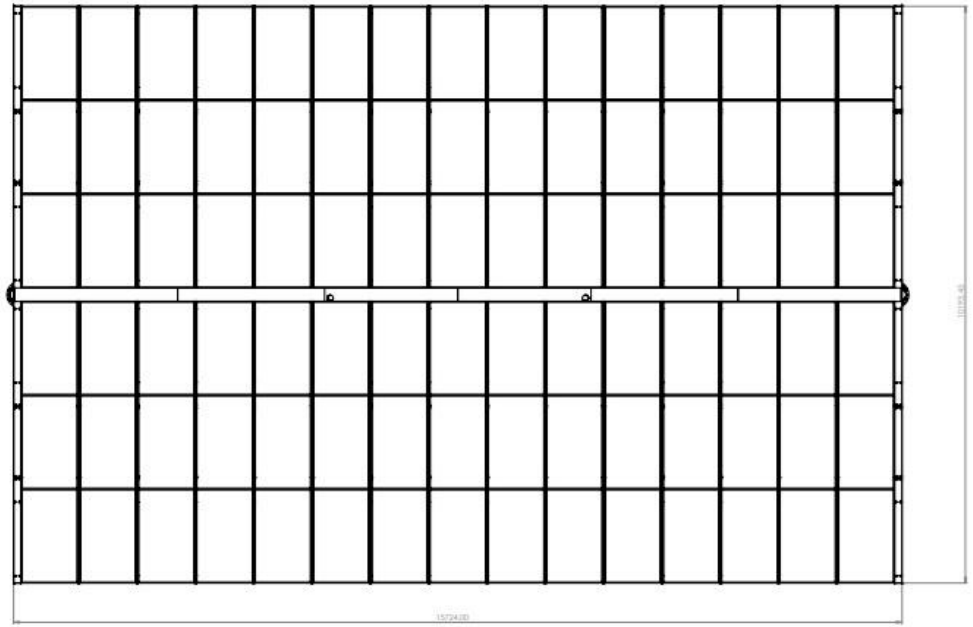


CARPORTbusiness 1 - dimensions 15.7 x 10.2 m





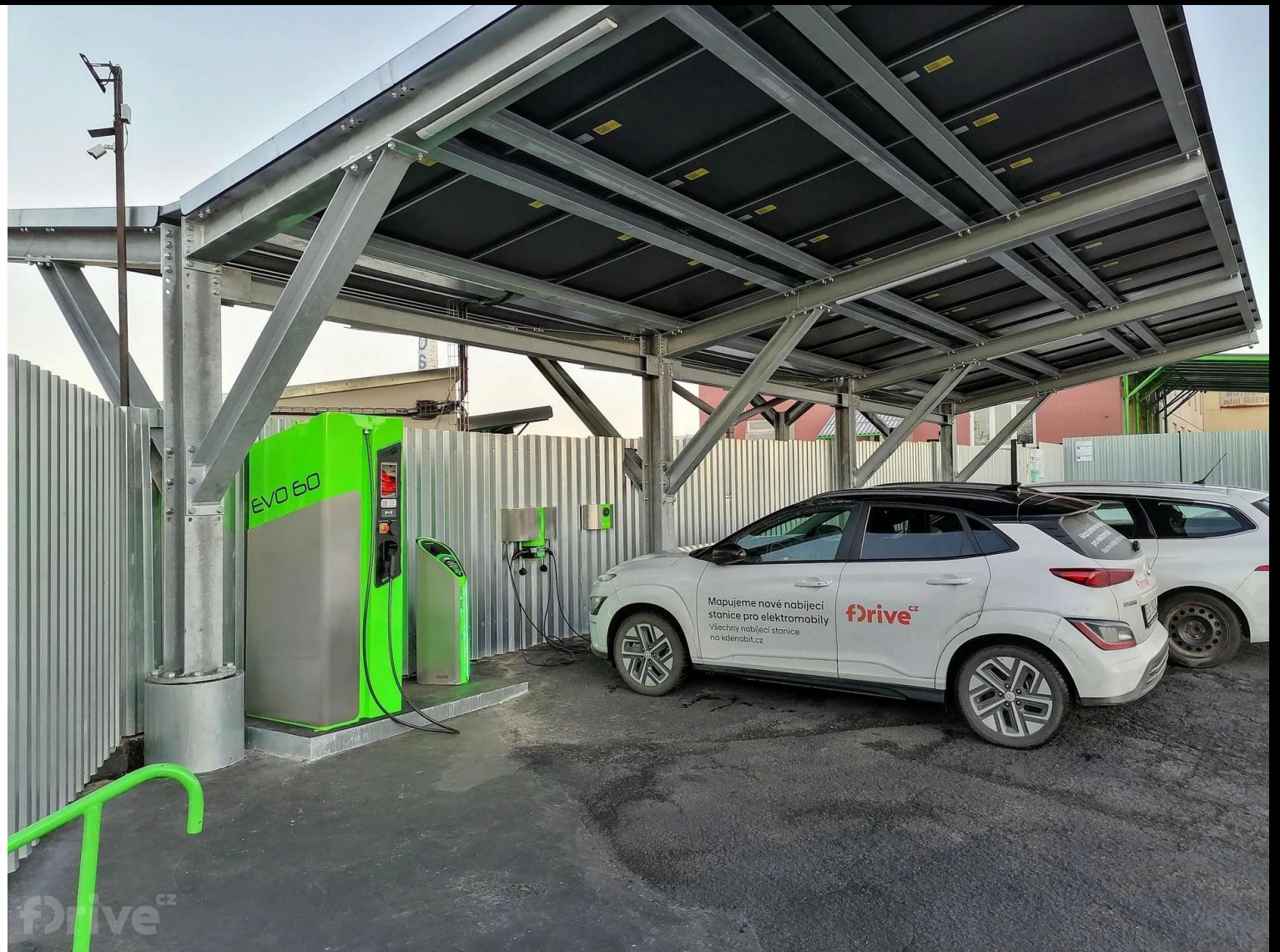




Model CARPORTbusiness 1

Model CARPORTbusiness 1

Model CARPORTbusiness 1 - chargers



Economic Statement of CARPORTbusiness 1

- Model example of a "CARPORTbusiness 1" module with 12 parking spaces:
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- Purchase price depending on the equipment approx. EUR 158 000 excluding VAT depending on storage and other details.
- The output of the CARPORTbusiness 1 module is 30 kWp.
- Life of power plant equipment 30 years.
- Number of chargers: 1 x DC 160kW fast charger – (approx. 20-40 min. charge depending on battery and vehicle model), 5 x 22 kW charger (5 hours charging time).
- Storage capacity 150kWh.
- When CARPORTbusiness is connected to the network, the yield via a fast charger is higher.
- Amortization of the investment in 3-4 years. Depends on the grid connection and the charging frequency.
- Average yield approx. 40,000 EUR/year.

Parameters of the individual CARPORTbusiness

Parameter	CARPORTbusiness 1	CARPORTbusiness 2	CARPORTbusiness 3
Historical cost	EUR 158.000 excluding tax	EUR 243.600 excluding tax	EUR 309.600 excluding tax
Power of solar systems	30 kWp	60 kWp	90 kWp
Number of parking spaces	12	24	36
Number of chargers	1× DC 160 kW + 5× AC 22 kW	1× DC 160 kW + 5× AC 22 kW	1× DC 160 kW + 5× AC 22 kW
Loading	DC: 20–40 min, AC: 5 hod	DC: 20–40 min, AC: 5 hod	DC: 20–40 min, AC: 5 hod
Battery storage capacity	150 kWh	300 kWh	300 kWh
Service life of the system	30 years	30 years	30 years
Kapitalrendite	3-4 years	3-4 years	3-4 years
Average annual return	EUR 40 000	EUR 60 000	80 000 EUR
Can be operated from the mains	3x32A	3x32A	3x32A

The model series will be continued as the CARPORTbusiness 4,5,6-100. Individual models can be equipped with different battery storage types and chargers and connected to an existing PV system. The list prices are valid for implementation outside the Czech Republic within the European Union.

Charger variants

Wallboxes AC:

Wallbox with one socket 3.7kW to 22kW

Wallbox DUO with two sockets 2 x 3.7kW to 22kW

AC/DC fast charging stations:

EVO 80 – charging power AC max 22kW and DC max 80kW, with one AC socket with 2 x DC charging cable

EVO 120 - charging power AC max 22kW and DC max 120kW, with one AC socket with 2 x DC charging cable

EVO 160 - charging power AC max 22kW and DC max 160kW, with one AC socket with 2 x DC charging cable

EVO 200 - charging power AC max 22kW and DC max 200kW, with one AC socket with 2 x DC charging cable

EVO 240 - charging power AC max 22kW and DC max 240kW, with one AC socket with 2 x DC charging cable

CARPORTbusiness warranty and service

5-year warranty on the power plant and chargers.

15-year warranty on panels.

Service:

The power plant has remote monitoring via the Internet. The system itself can diagnose errors and defective components.

Our company remotely monitors the condition of the power plant and in the event of a failure, a technician with spare parts arrives within 24 hours and repairs the plant.

After 5 years, the service will be provided according to the service contract, but at the usual and reasonable prices.

Service costs:

Annual maintenance and inspections once a year are around 1% of the purchase price.

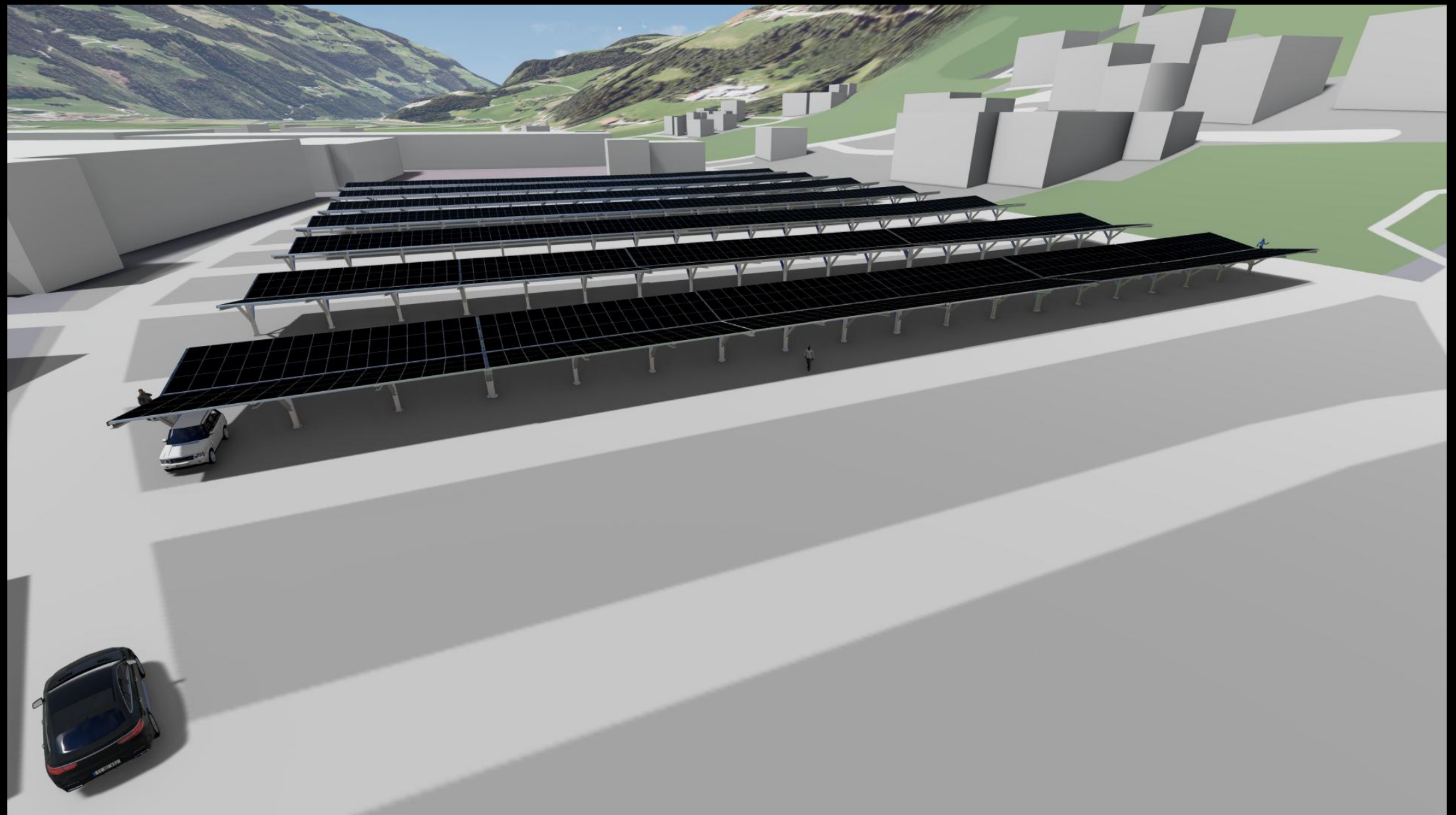
CARPORTbusiness for companies

Our goal is to supply CARPORTbusiness for large manufacturing companies, car showrooms, hotels, warehouse operators, shopping centers, retail chains, parking lot operators, cities, airports, gas stations, fast food, ski resorts and the like.

Our technology is modular and therefore there is no difference in producing CARPORTbusiness 1 or CARPORTbusiness 100.

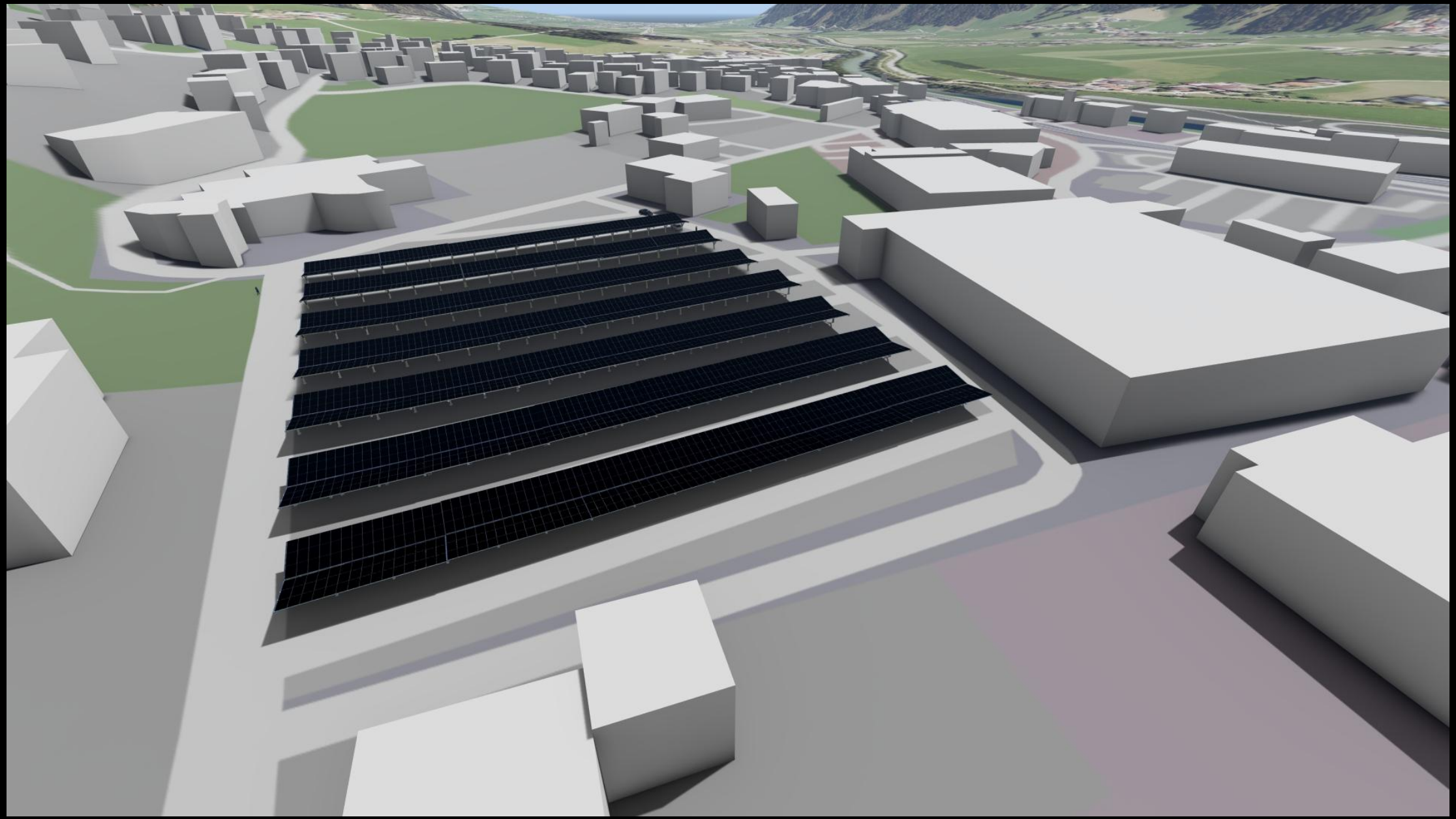
The electricity produced from large unused parking areas helps to rapidly reduce the energy consumption of large buildings, factories and establishments.

View from the CARPORTbusiness 36 visualization



Designed for commercial use

CARPORT business



Thank you for your attention and we look forward to the implementation with you.

More on https://www.carportbusiness.com

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