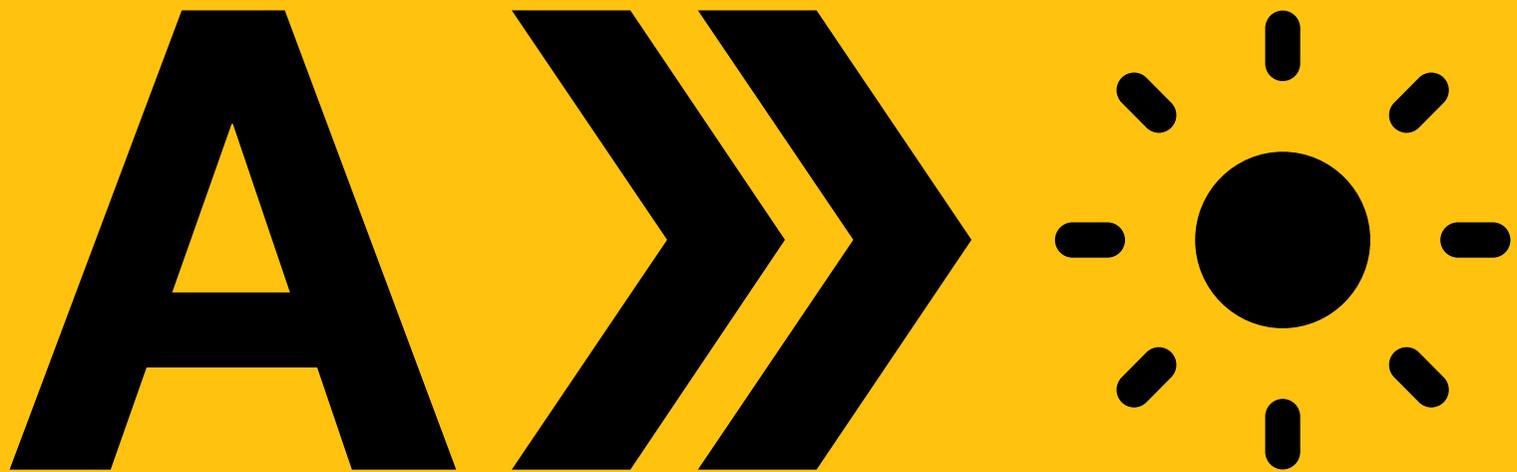


ALUMERO



EN

SMART PV-CARPORT

FULL POWER FOR YOUR CAR PARK.

Parking space does not have to remain wasted space. With the ALUMERO Smart PV-Carport, you benefit from areas that would otherwise only incur costs.



BENEFITS

Profit from your parking space, starting right now.



Low-effort assembly

Thanks to the installation with screw foundations, there is no need for expensive concrete foundations or time-consuming earthworks, as is the case with comparable products.



Amortization

Your ALUMERO Smart PV-Carport is self-financing: You will benefit in the long term and with little risk from electricity cost savings and feed-in tariffs.



Self-sufficiency coverage

With the ALUMERO Smart PV-Carport, you supply your business with electricity and thus benefit over the entire lifetime of your carport.



Long lifetime

With the weather-resistant metagreen aluminum construction and long-term durability of PV modules, your carport will last for many, many years.



Integrated advertising space

With modular extensions such as advertising space and even advertising screens, you get an additional benefit where it pays off the most!



Internal cable routing & rainwater drainage

All electrical installation and drainage runs within the structure, which is not only aesthetically pleasing but further reduces assembly & material costs.



Modular construction

The modular configuration not only allows the carports to be precisely tailored to your needs, but also to retrofit existing parking spaces without major conversion work and the associated costs.



Versatility

With the many expansion options, there are almost no limits to your imagination. Advertising screens, e-bike chargers or wall boxes and integrated energy storage will electrify your company or fleet.



CONFIGURATIONS

A carport that suits your needs. Always.

ALUMERO Smart PV-Carport simply fits anywhere, anytime, thanks to the diverse configuration and expansion options. Therefore, in addition to integrated photovoltaics and drainage, it also has optional features such as:

- + Wall boxes, DC fast chargers or e-bike chargers
 - + Dimmable LED lighting in the support beams
- + Ram protection elements as cladding, with padding or with bollards
 - + Aluminum wall system for shading or privacy protection
- + Bike racks for vertical storage or numerous types of bike stands
 - + Additional equipment such as seating or drinks and snack machines
- + Various ways to integrate advertising space, e.g. hanging public viewing screens, digital city lights or gigantic LED screens covering the entire rear

SYSTEM TECHNOLOGY

Smart engineering, from start to finish.

Not only simple in assembly, but also simply clever. The tested statics, but above all the very versatile aluminum profile system made of sustainable metagreen alloy characterize the ALUMERO Smart PV carport and make it a unique product on the market.

With modular extensions such as advertising space and even advertising screens, you get an additional benefit where it pays off the most!

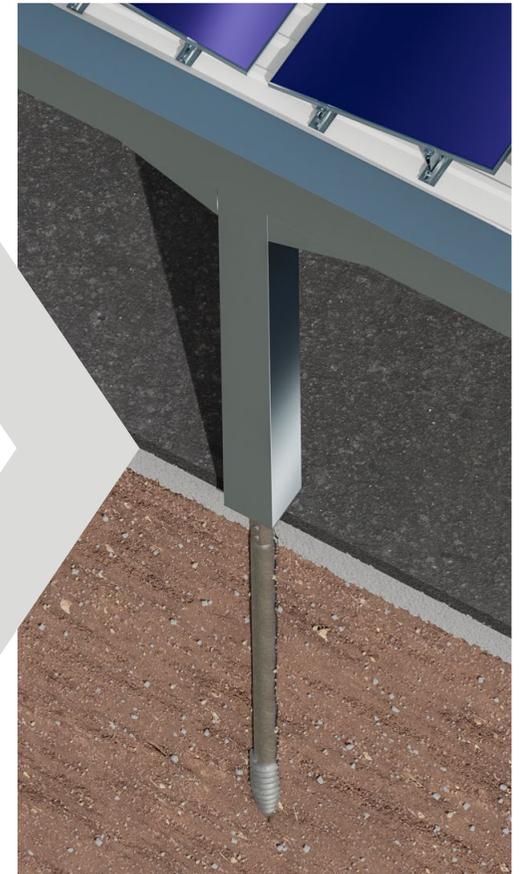
Aluminum profile technology allows the Smart PV Carport to be significantly more versatile and modular than comparable steel products. For example, drainage is integrated in the pillars, LED strips can be integrated into the cable ducts and additional control technology can be installed.

Any solar and charging technology is integrated without visible cable harnesses outside the construction, since everything can be hidden directly in the carrier profiles - and is also protected against manipulation and vandalism.



The construction is easy to assemble and does not require an expensive concrete foundation or large-scale earthworks. The screw foundations only require a drill hole, which is why the Smart PV-Carport can also be easily retrofitted to existing parking areas.

The screw foundation allows for an easy assembly, all without major earthworks.

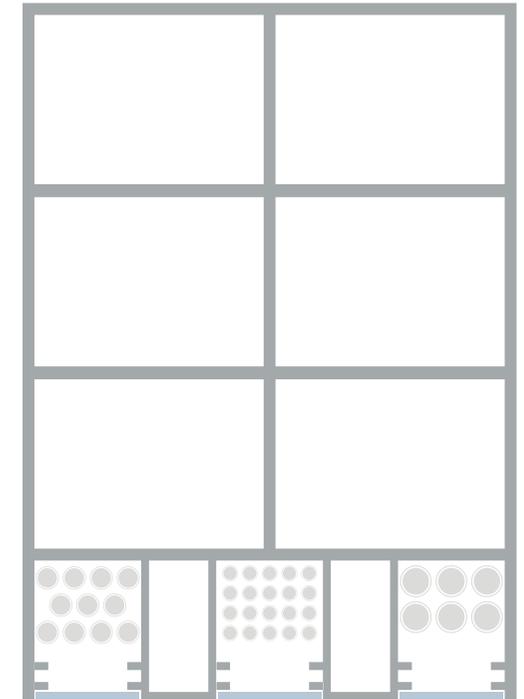




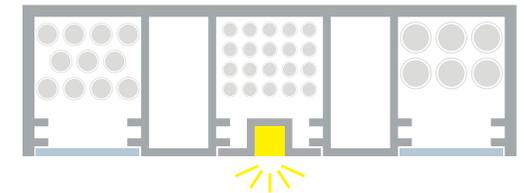
- + Tested statics, protected design
- + Minimalist design blends in almost anywhere
- + Numerous installation options for additional equipment thanks to sophisticated profile technology
- + Drainage through the carport's pillars
- + Integrated technology thanks to smart aluminum profile technology
- + Very durable and low maintenance thanks to its strong aluminium construction

- + Reliable and proven PV integration thanks to ALUMERO system technology
- + Our metagreen alloy significantly reduces the CO₂ footprint & energy requirements of production
- + Simple installation, all without major additional costs for foundations or earthworks
- + Allows the upgrade of existing parking areas without major modifications

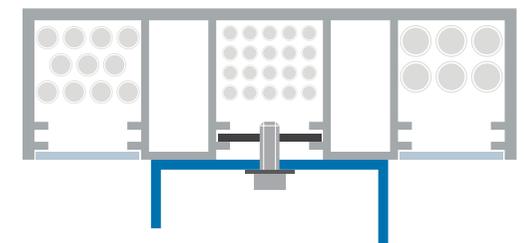
Available in RAL 7016 und RAL 9006, other RAL colors or individual branding are available on request.



Our load-bearing system profile (simplified)



The profile with integrated LED-Bar



The profile as a holder for additional suspensions or similar

VARIANTS

Our modular system offers the right solution for every parking space. Always and everywhere.

The ALUMERO Smart PV-Carport exists in configurations of 2, 4, 5 and 6 parking spaces, as well as the corresponding double-row solution with 4, 8, 10 and 12 parking spaces. Available in the variants

Standard and Comfort, with 2,750 mm or 3,000 mm parking space width.



Further information can be found on our website: smart-pvcarport.com/en

Standard - 2.750 mm

This variant with a parking space width of 2750 mm corresponds to the standard that is already common on most parking spaces today. As a result, our carport

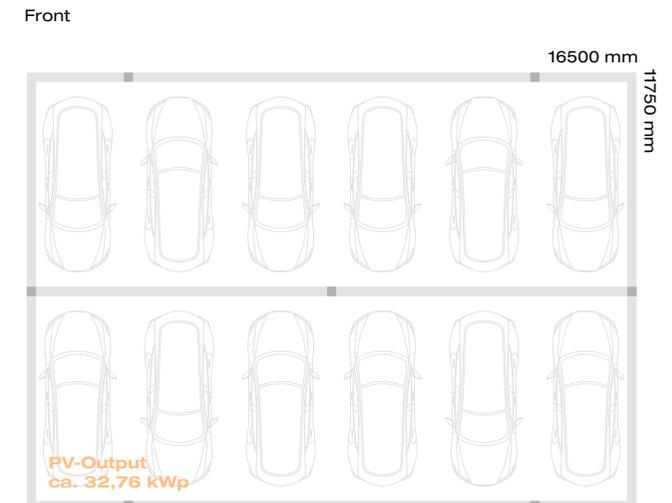
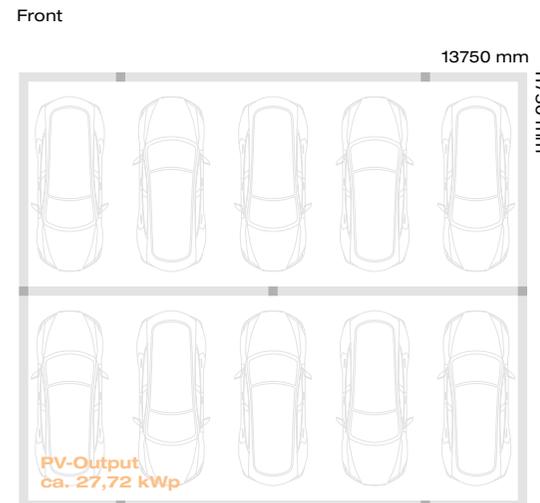
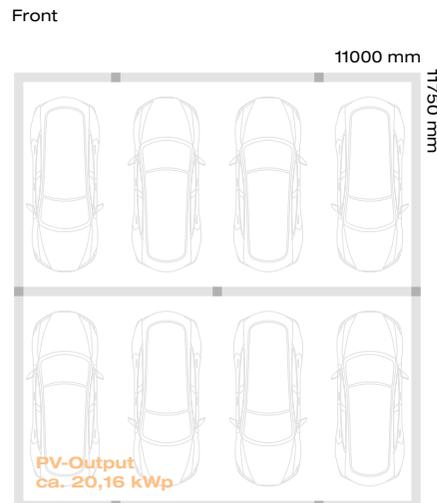
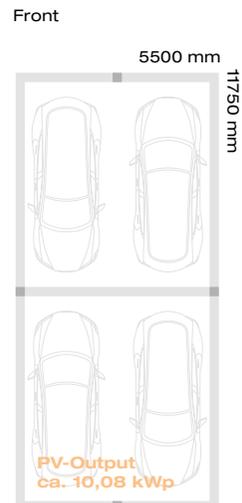
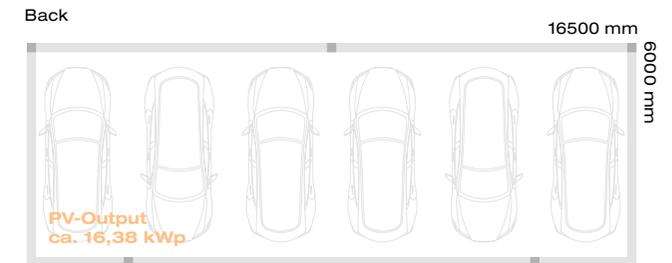
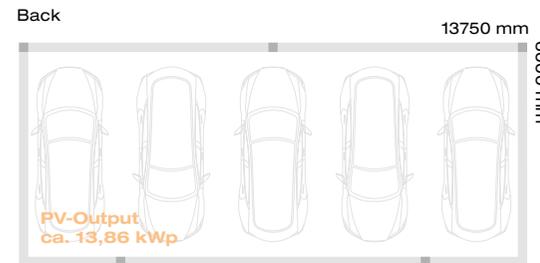
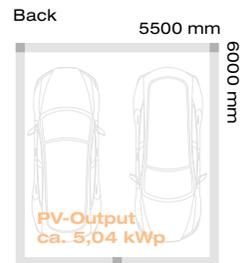
allows existing parking spaces to be roofed over without major effort and electricity to be produced immediately.



Load-bearing profile
250 mm x 350 mm



Pillar
250 mm x 250 mm



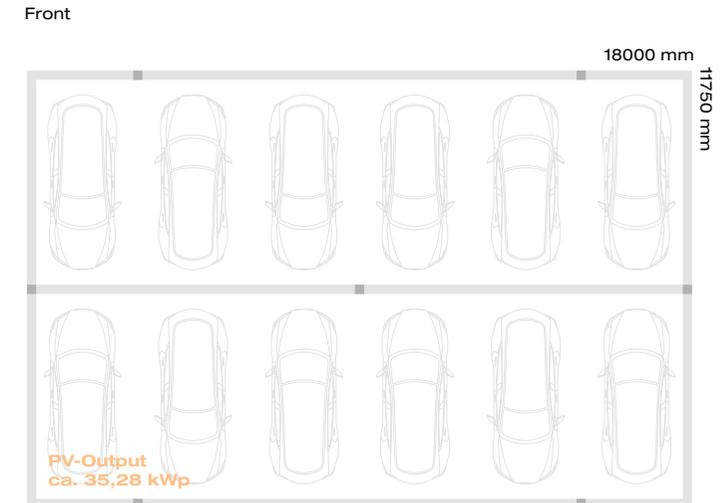
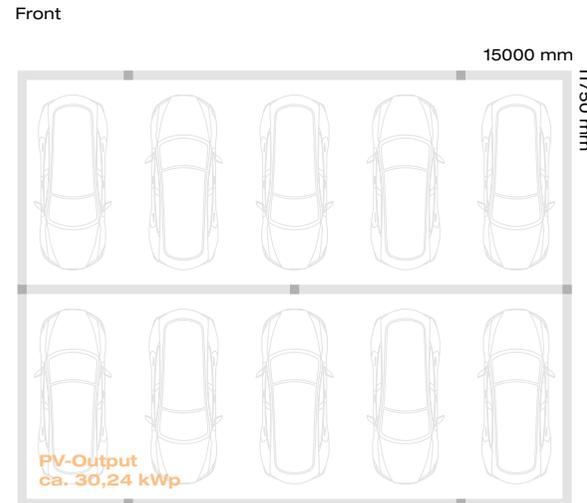
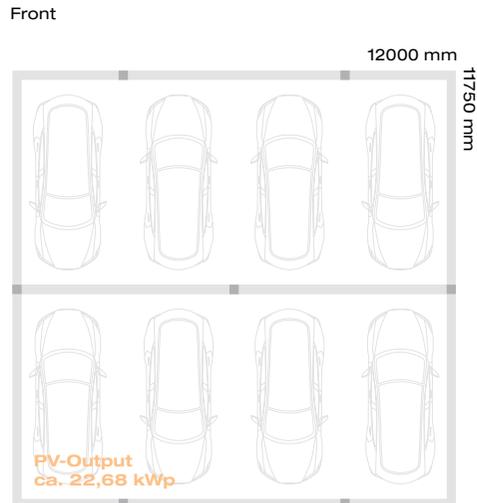
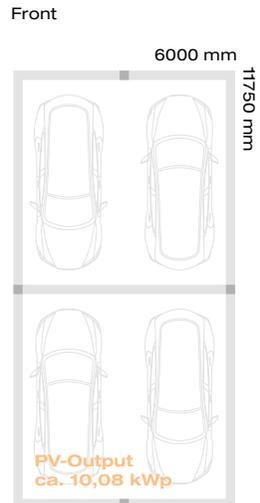
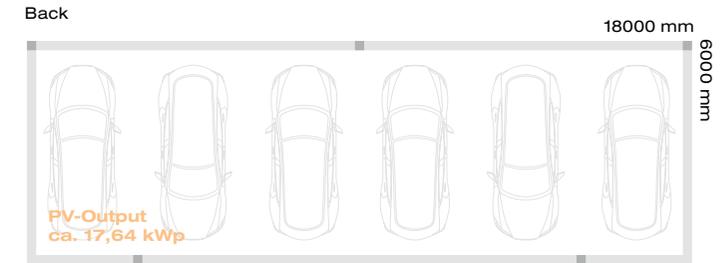
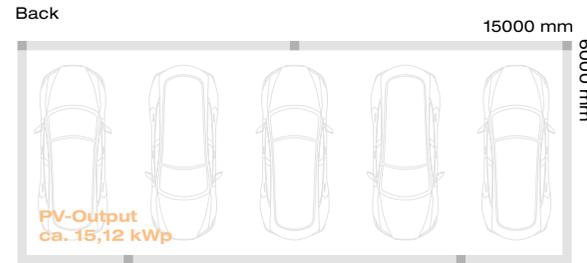
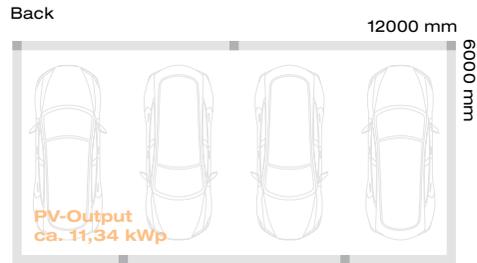
The depiction on the right shows how our ALUMERO Smart-PV Carport can be used to retrospectively shade parking areas and simultaneously use them for clean energy production. An ideal example of dual-use of land, which, in an ever more overcrowded Europe, is now more important than ever before.



Comfort – 3.000 mm

This variant with a parking space width of 3000 mm is ideal for slightly wider vehicles such as SUVs, but can also be used for the increasingly common family parking spaces, for example. With our

two variants and the numerous configuration options, we manage to cover almost all parking areas accordingly.



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