

PARK-E

SOLAR CARPORT | SHELDER PROTECTION AND POWER STATION
RESIDENTIAL AND COMMERCIAL



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PARK-E, SOLAR MONO-PITCH CANOPY, has been designed to protect all types of vehicles from the sun and bad weather while producing energy.

It is the energy solution that will accompany the development of electric and hybrid cars, for private and professional uses, while respecting the environment.

PARK-E is available in several sizes. The specific configuration of the roof, with a 7° inclination of the solar panels, allows both the optimization of photovoltaic production and the most effective protection of the vehicles.

WHAT ARE THE ADVANTAGES OF A CARPORT?

- Protect your vehicles from the sun and weather all year round.
- Furnish your exterior and gain square metres in your home.
- Enhance the value of your home and business premises with equipment that provides high added energy value.
- Recover your investment through energy production.
- Adaptable and modular structure depending on the surface area to be covered and the number of vehicles to be charged.

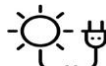
⁽¹⁾ Carport, 2 parking spaces, equipped with 15 photovoltaic panels of 375 Wp

⁽²⁾ NORTH and ⁽³⁾ SOUTH of France

⁽⁴⁾ Source: <https://solairepv.fr/>



Sun and weather protection



Power generation, free energy from the sun



Respect for the environment



Quick and easy to install



Promote your Corporate Social Responsibility credentials

WHY CHOOSE SOLAR ENERGY?

- Electricity production and energy autonomy.
- Reduce your electricity bill.

The PARK-E photovoltaic roof ⁽¹⁾ has a nominal power of 5.6 kW. It will provide approximately 5.6 MWh of electrical energy each year, i.e.:

If you have an electric vehicle, you will produce the equivalent of 20,000 ⁽²⁾ to 40,000 ⁽³⁾ km per year.

If you want an alternative to installing solar panels on your roof, you will produce the equivalent of the consumption of a family of 4 ⁽⁴⁾ (excluding heating).

- Become a player in the ecological transition by producing clean, local and inexhaustible electricity and reduce your carbon footprint.

FEATURES AND OPTIONS



Versions		1 parking space	2 parking spaces	6 parking spaces	12 parking spaces
Surface (sqm)		18	29	85	169
Depth (mm)	A	5 265	5 205	5 205	5 205
Width (mm)	B1	3 354	5 527	16 281	32 412
Width between posts (mm)	B2	3 054	5 227	5 227	5 227
Height (mm) minimum	C1	2 330	2 332	2 332	2 332
Height (mm) maximum	C2	2 966	2 961	2 961	2 961
Foot dimensions (mm)	D	150x150	150x150	150x150	150x150
Structure weight without solar panels and without ballast		226 kg	391 kg	1 052 kg	2 045 kg
Number of photovoltaic modules*		9	15	45	90
Slide junction			V	V	V
Modules orientation (portrait / landscape)		Portrait	Landscape	Landscape	Landscape

Material

Structure: Aluminium 6063 T3 and steel Fasteners: stainless steel Maximum snow load: 360 kg / sqm

Colours

Structures: Qualicoat and Qualimarine certified aluminium and powder-coated steel Matt anthracite grey - RAL 7016

Roof : black anodised

Optional solar package: photovoltaic modules, micro inverters, cables, connectors, AC switch box and monitoring system for photovoltaic production.

* Standard configuration: framed photovoltaic modules, length: 1755 mm, width: 1038 mm, thickness: 35 mm.

Compatibility ranges with framed photovoltaic modules (depending on the carport model) with a length: 1695 to 1775 mm, width: 1000 to 1038 mm, thickness: 30 to 45 mm.

Other possible configurations (please contact us)

Possible implementation

Standard: to be screwed onto slabs or blocks of concrete

Option: prefabricated concrete blocks

(600 kg per block), please consult us for product reference.



Options



Fixation of the plate for the charging station

Charging station

(PARK-E is compatible with all types of charging stations).



CONTACT

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