



SUNPARK® M1

Solar Carport Models

Sunpark-M1-Carport

sunpark®

solar parking system

WWW.SUNPARK.ES



Colour

Available in any RAL or PANTONE colour

Description

Structure: IPE type profiles either hot dipped galvanised or painted. *For other finishes please consult.*
Purlins: SENDZIMIR galvanised steel.

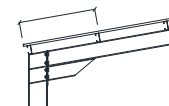
Canopy: Profiled trapezoidal type galvanised and lacquered sheeting.

Fittings: Galvanised steel, zinc or stainless steel

Anchors: SD-500 grade 20mm diameter corrugated bars threaded at the top to fix anchor plates. Hilti type chemical anchor bolts can be used if there is a concrete slab **subject to previous ground study.**

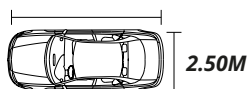
Technical Specifications

1M - MAX 1.25M



Standard distance between purlins

5.20M



Dimensions of standard parking place

12 KG/M2.
*With canopy

18 KG/M2.
*Without canopy

*Maximum weight load of solar panels.

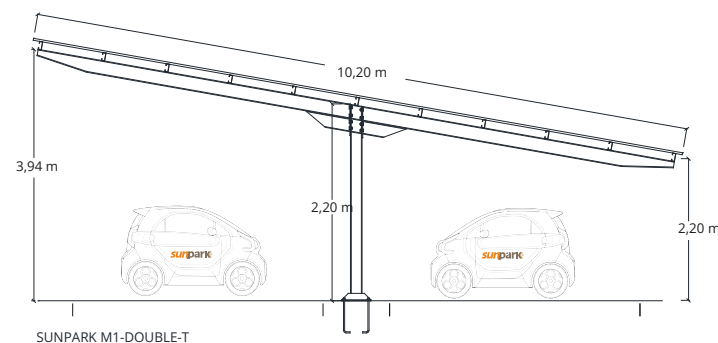
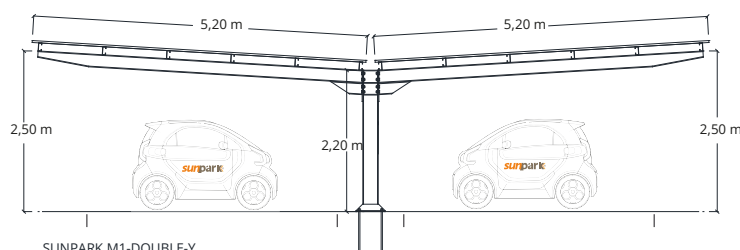
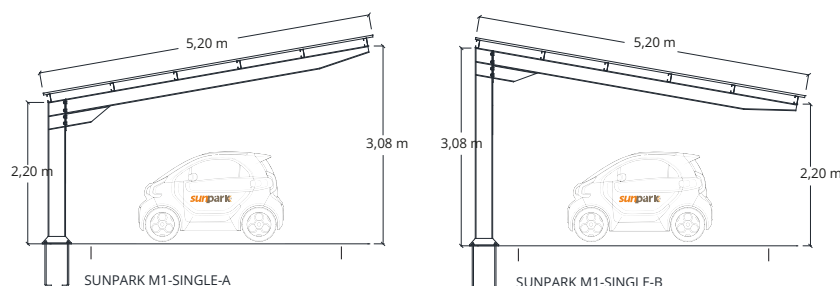


Compatible with all types of solar panels.



Structural integration of any EV charger model

Layouts



Certificates



C.T.E
SPANISH
BUILDING CODE



Certificate of origin
30% of the energy used in the manufacturing of our structures is of renewable origin.



Flexibility

Removable metal carport designed using IPE type hot-rolled beams with variable thickness and section.



Customisation

A selection of single and double carports is available depending on the layout and orientation of the car park. Painted, lacquered or galvanised in different finishes.



Style

The model has been structurally calculated in 4 different versions based on wind and snow loads of the car park location in compliance with the Spanish CTE Building Code. Its industrial aspect conveys robustness being timeless against passing trends.



SUNPARK® M1



SUNPARK® M2

Solar Carport Models

Sunpark-M1-Carport

sunpark®

solar parking system

WWW.SUNPARK.ES



Colour

Available in any RAL or PANTONE colour

Description

Structure: Box-beam steel profiles either hot dipped galvanized or painted. *For other finishes please consult.*
Purlins: SENDZIMIR galvanised steel.

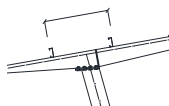
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Fittings: Galvanised steel, zinc or stainless steel.

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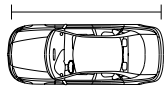
Technical Specifications

1M - MAX 1.25M



Standard distance between purlins

5.20M



Dimensions of standard parking place

15 KG/M2.
*Without canopy

*Maximum weight load of solar panels.



Compatible with all types of solar panels.



Structural integration of any EV charger model



Up to
122 KG/M2

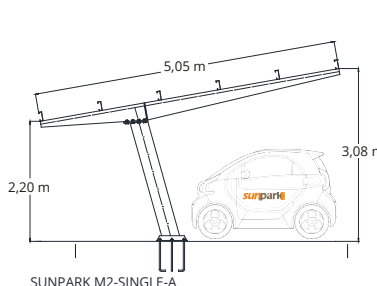


Up to
104 KM/H

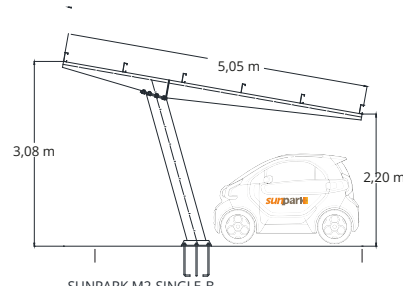
Maximum load Spanish CTE Building Code & Eurocodes

These are limit values and depend on the geographical location (optimisation of materials and costs).

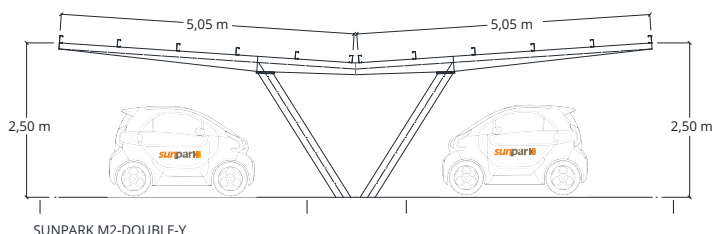
Layouts



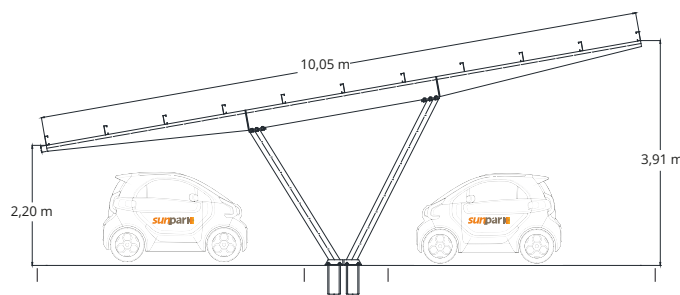
SUNPARK M2-SINGLE-A



SUNPARK M2-SINGLE-B



SUNPARK M2-DOUBLE-Y



SUNPARK M2-DOUBLE-T

Certificates



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Flexibility

Metal carport designed using box-beam profiles - variable section and thickness of the box. Joints between pillar and beam are welded.



Customisation

A selection of single and double carports is available depending on the layout and orientation of the car park. Painted, lacquered or galvanised in different finishes.



Style

The model has been structurally calculated in 4 different versions based on wind and snow loads of the car park location in compliance with the Spanish CTE Building Code. Its industrial aspect conveys robustness being timeless against passing trends.





SUNPARK® BIKES

Parking Solar Models

Sunpark-Bikes-Canopy

sunpark®

solar parking system

WWW.SUNPARK.ES



Colour

All type of colour RAL or PANTONE



Description

The electric bicycle holds a new potential, especially in cities with high traffics and represents a huge demand in multiple areas and touristic destinations. The electric vehicle is an ideal and eco-friendly means of transportation.

Sunpark® has developed a removable metal canopy designed with hot-rolled tubular beams of variable thickness and section, with welded or bolted joints.

The steel structure is painted, hot-dip galvanized, or galvanized and painted.

It can be fixed using chemical anchors, making foundation footings unnecessary.

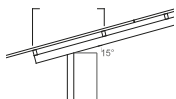
Our photovoltaic kits are delivered turnkey, with components protected and elevated to minimize vandalism or early degradation. They include manufacturing, supply, assembly, and commissioning of the photovoltaic installation, with the option to purchase only the structure, which can include design and calculation if non-standard dimensions are required.

Additionally, they are compatible with all types of photovoltaic panels. The integrated software systems allows monitoring of optimal performance from anywhere, ensuring continuous and uninterrupted production.



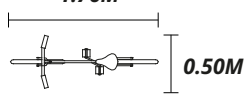
Technical specifications

0.8M



Standard distance between purlins

1.76M



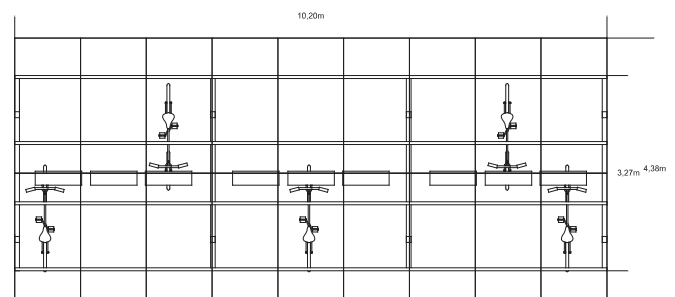
Standard dimensions per standard place



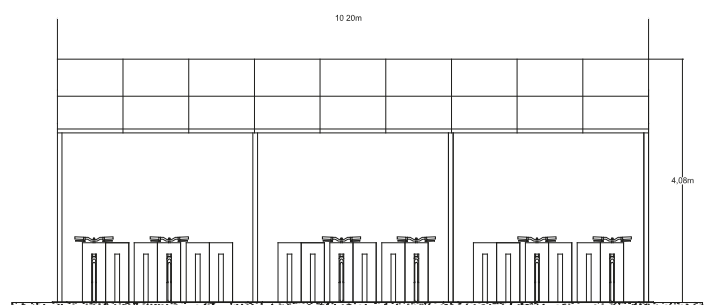
Compatible with all type of Photovoltaic panel



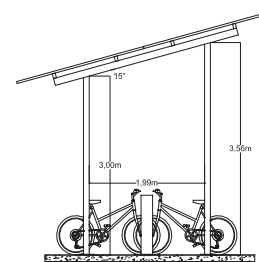
Plans



Superior view



Facial view



Lateral view



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Versatility

The structure of the canopy is compatible with all type of solar panel and can be joined by chemical anchor. It helps avoid the need for foundation footings and facilitates the implementation in distinct areas.



Sostenibility

The electric bicycles and the photovoltaic kits are contributing to an eco-responsible mobility and are helping generate renewable energy. Speaking of which, they are leading to the reduction of the carbon footprint in urban and touristic areas.



Safety

The metallic canopy and the photovoltaic kits are designed with resistant materials and its components are elevated to avoid any act of vandalism or early degradation. This helps guarantee much more sustainability and protection.

