



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.

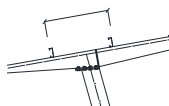
Canopy: Profiled trapezoidal type galvanised and lacquered sheeting.

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.**

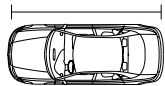
Technical Specifications

1M - MAX 1.25M



Standard distance between purlins

5.20M



Dimensions of standard parking place

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

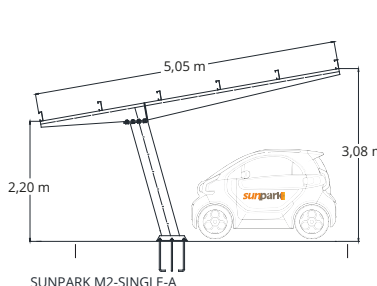


Up to
104 KM/H

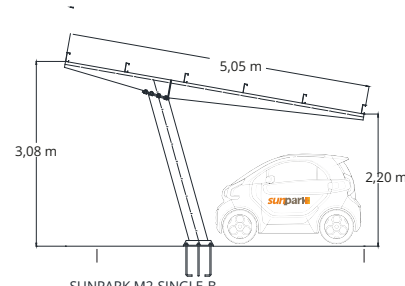
Maximum load Spanish CTE Building Code & Eurocodes

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

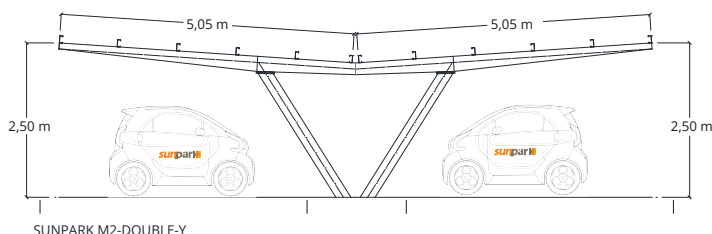
Layouts



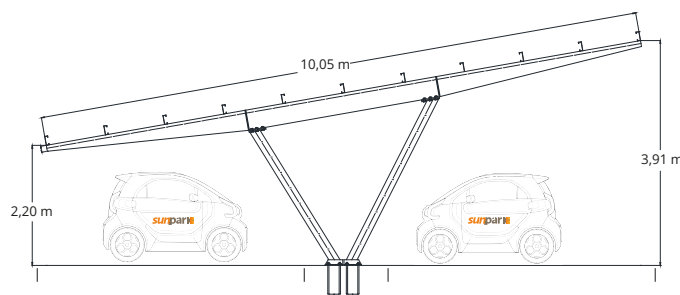
SUNPARK M2-SINGLE-A



SUNPARK M2-SINGLE-B



SUNPARK M2-DOUBLE-Y



SUNPARK M2-DOUBLE-T

Certificates



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

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.

