



NOVEMBER-23

AdiWatt Carports

CARPORTS BROCHURE

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AdiWatt

With 14 years of activity in the transformation of steel dedicated to the manufacture of photovoltaic installations on roofs, carports and solar fields, we have managed to become a recognized player in the sector.

During this decade we have worked with the leading actors in energy and construction, capitalizing on our strengths : international presence, integrated design office, high-performance industrial tool...



CARPORTS : OPTIMIZE YOUR LAND SPACES

Although essential to the activity of large surfaces or any other structure that receives customers, parking lots and the space they represent are often under-exploited.

Carports systems are an undeniable solution for making these spaces profitable in many aspects.

At AdiWatt, we design and manufacture **hot-dipped galvanized steel** structures according to your project.

- Reduction of electricity costs : move towards self-consumption by directly consuming the energy produced.
- Positive image : your commitment to sustainable development becomes tangible.
- Customer confort : your customers are protected from the heat in summer and from bad weather the rest of the year thanks to a 100% waterproof structure.

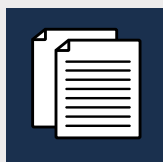
Your project

All projects are specific and our teams pay special attention to each of them. The expertise we have acquired through our numerous achievements allows us to be at our customers side from the study to the installation.

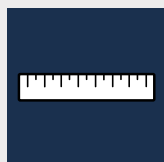
In order for our teams to provide the best possible service, it is essential that certain elements be communicated to them. **The civil engineering package and the electrical connection of the photovoltaic modules are not handled by the AdiWatt teams.**

REQUIRED ELEMENTS FOR THE PROJECT STUDY

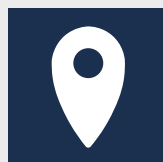
WITHOUT THESE ELEMENTS, ONLY A PRELIMINARY STUDY IS POSSIBLE



Module datasheet



Layout



Location area



Tilt and height



Parking layout (obstacles)



Buried networks layout



Parking altimetry



Soil study



Building permit layout



Specifications



OUR DESIGNS

Centered columns



FEATURES

| | |
|----------------------------|---|
| SPACE BETWEEN POSTS | 7.5 TO 10 METERS |
| ROOF TILT | 5° TO 15° |
| SLOPE LENGHT | 13 METERS MAX + SUBJECT TO STUDY |

OUR DESIGNS - PROJECTS

Centered columns



OUR DESIGNS

Offset columns



FEATURES

| | |
|----------------------------|---|
| SPACE BETWEEN POSTS | 5 TO 7.5 METERS |
| ROOF TILT | 5° TO 15° |
| SLOPE LENGHT | 6 METERS MAX + SUBJECT TO STUDY |

OUR DESIGNS - PROJECTS

Offset columns



OUR DESIGNS

Y Carports



FEATURES

| | |
|----------------------------|---------------------------|
| SPACE BETWEEN POSTS | 7.5 TO 10 METERS |
| ROOF TILT | 5° TO 15° |
| SLOPE LENGHT | 6 METERS EACH SIDE |

ADIWATT-CARPORTS

OUR DESIGNS - PROJECTS

Y Carports



OUR DESIGNS

Gantry Carports



FEATURES

| | |
|----------------------------|-------------------------|
| SPACE BETWEEN POSTS | 7.5 TO 10 METERS |
| ROOF TILT | 5° TO 15° |
| SLOPE LENGHT | 10 TO 15 METERS |

OUR DESIGNS - PROJECTS

Gantry Carports



OUR DESIGNS

Double Centered Columns



FEATURES

| | |
|----------------------------|-------------------------|
| SPACE BETWEEN POSTS | 7.5 TO 10 METERS |
| ROOF TILT | 5° TO 20° |
| SLOPE LENGHT | 12 TO 20 METERS |

OUR DESIGNS - PROJECTS

Double Centered Columns



CARPORTS ELEMENTS SPECIFICATIONS

| ELEMENTS | PROFILE / SECTION | MATERIAL | PROTECTION |
|-----------------------|---|------------------------------|-----------------------------|
| PURLINS | PROFIL C / S / Z / SIGMA SQUARE SECTION RHS | STEEL S355 | Z275, Z600 OR ZM310 |
| COLUMNS | IPE / HEA | STEEL S275 | HOT-DIP GALVANIZED STEEL |
| CROSSBEAM | IPE / HEA / PRS | STEEL S275 / S235 | HOT-DIP GALVANIZED STEEL |
| CROSS BRACING | SQUARE SHS | STEEL S235 | HOT-DIP GALVANIZED STEEL |
| WIND-BRACING | L ANGLE IRON | STEEL S235 | HOT-DIP GALVANIZED STEEL |
| BOLTS AND RODS | M10 TO M24 | HIGH RESISTANCE CLASS 8.8 | ZINC & STAINLESS STEEL |

CARPORTS : OPTIONS

PVC, steel gutters

Depending on the location of your project and the rainfall, the AdiWatt Design Office can impose steel gutters.



Wood covering

You can adapt the architecture of your project to your environment. It is possible for you to plan a wooden cladding for your structure.



Powder Coating

Possibility of powder coating the posts, crosspieces and braces. Anti-corrosion paint. Several RAL colours available.



Protective hoops

Protect the columns of your carports against the risk of damage due to vehicle traffic. Different models, powder coating of the hoops is possible.



Covers

Practical and aesthetic, the covers combine protection and finish by covering the electrical cables. Available in aluminium and wood.



CARPORTS : OPTIONS

Inverter support

Specially designed supports to securely hold your inverters. The supports can be powder-coated.



Sides covering

Finishing and reinforcing the waterproofing of the structure with the installation of sheet metal at each end.

Option available for the ridge.



Slope bottom covering

Finishing and reinforcing the waterproofing of the structure with the installation of sheet metal at the bottom of the slope.



No cross-bracing structure

It is possible to mount the carport structure without braces. Discreet brackets are installed to provide support.



Round columns

Depending on your project, it is possible to plan the installation of round columns.



ACHIEVEMENTS



ACHIEVEMENTS



More informations :



www.adiwatt.com



[adiwatt/linkedin](https://www.linkedin.com/company/adiwatt/)

ADIWATT
Le photovoltaïque, une histoire d'experts

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