

SPECIALISING IN SOLAR PV CAR PARK CANOPIES

V1.24.8

SOLAR UK

SINCE 2000

## Welcome



Duncan Lee  
- Founder & Technical Director

*“ We are seeing far more enquiries this year for solar PV car park canopies than ever before.*

*As roof spaces get filled and land remains too valuable to be used for solar arrays, mounting solar PV above car park spaces is an obvious next step. And if you are seeing greater EV usage, we can incorporate EV charging systems, and battery storage, as well.*

*Not only do these installations help reduce a site's overall grid reliance, but the users also benefit from shade in the summer heat and shelter from the rain; it really is a win-win!*

*As with all our solar installations, we take a bespoke approach to every project and there is no one-size-fits-all solution to solar PV canopies as far as we are concerned. ”*

## Why Solar UK?

No matter whether you are a construction business, an M&E contractor, a commercial property owner/occupier, an architect, or a housebuilder, or something else in life, if you want solar thermal, solar PV, battery storage, or EV charging at a commercial premises then Solar UK would like to talk to you about your plans.

We are MCS, Trustmark and NICEIC-accredited suppliers and installers, with in-house R&D, design, and technical support.

We employ our own installations team, but we do bring in trusted sub-contracted labour when there is a need; they work to our standards and under our management.

We only use tried and trusted products and components, and we manufacture our own EN12975 certified solar thermal system, LaZer2, at our factory in East Sussex.

Solar UK has been established since 2000, and we have a breadth of knowledge and experience available to help you deliver your energy project.

Trust us, because you can.

## Solar PV Car Park Canopies



French supermarket, nr Cognac

In 2023, France legislated for public car parks of more than 80 spaces to have at least 50% of their car spaces covered in canopy-based solar PV. The UK has yet to follow, but this is clearly a growing sector of the solar market and one where we are seeing increasing interest.

Whether you have filled your available roof space with PV, yet still have significant grid demand, or utilising your roof or ground space has never been an option, Solar UK car park canopies offer a viable solution. We have a variety of options in either steel or aluminium, and we are confident we can design a solution specific to your space.



## Car Park Canopy - Steel

**Parking spaces:** Customised

**Wind load:** 60m/s

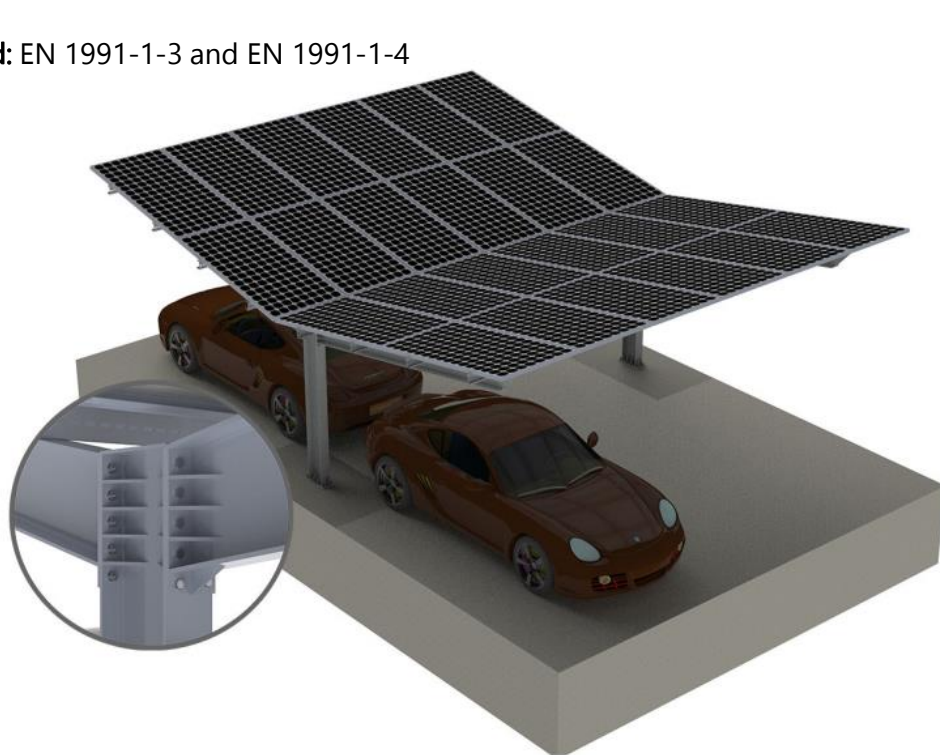
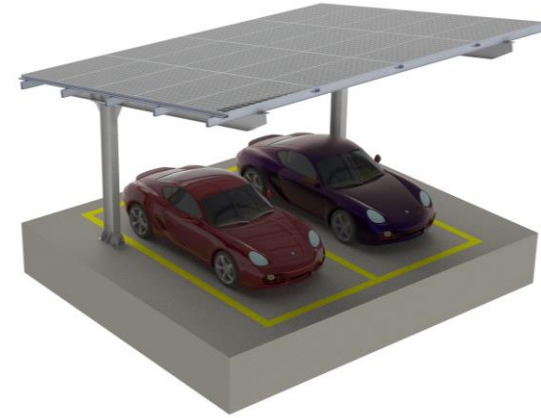
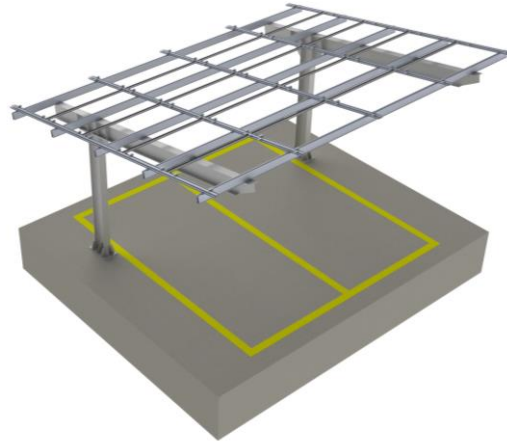
**Snow load:** 2KN/m<sup>2</sup>

**PV modules:** Framed or frameless

**Module orientation:** Landscape or portrait

**Material:** Galvanised steel

**Design standard:** EN 1991-1-3 and EN 1991-1-4



# Car Park Canopy - Aluminium

**Application:** Open space

**Pitch:** Variable

**Parking spaces:** Customised

**Wind load:** 60m/s

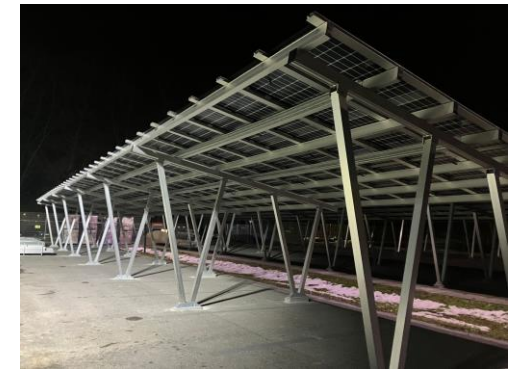
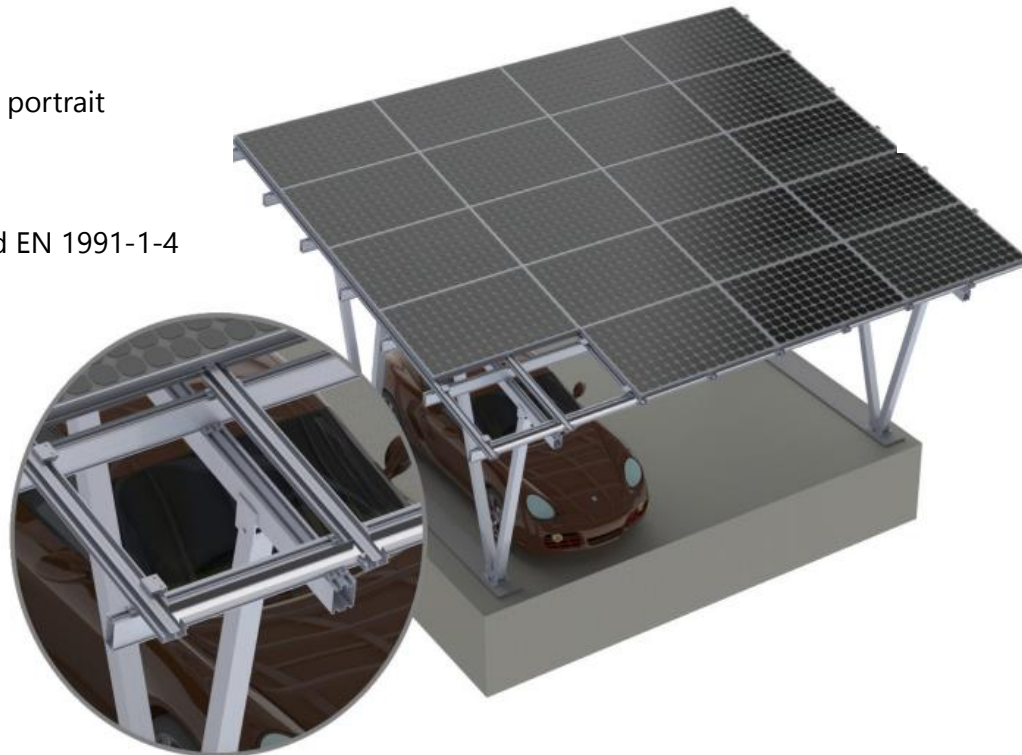
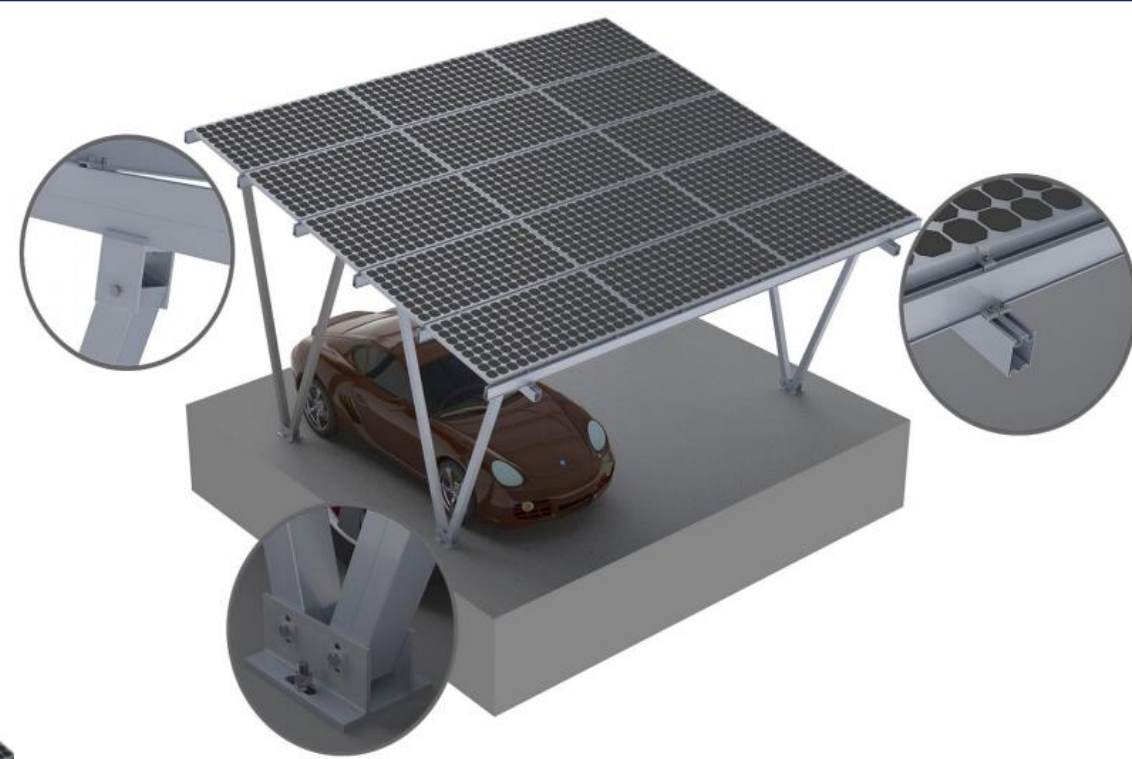
**Snow load:** 2KN/m<sup>2</sup>

**PV modules:** Framed or frameless

**Module orientation:** Landscape or portrait

**Material:** Aluminium 6005-T5

**Design standard:** EN 1991-1-3 and EN 1991-1-4



## Solar PV Car Park Canopy – Our Process



What happens next?

- With your input and the use of satellite imagery, we agree on the car park spaces that you want to cover.
- We then design a canopy system to fit and overlay the PV modules so that you get an idea of what it will look like and how much generation you can expect.
- We will then provide you with an estimate, which will include the canopy system, the PV modules, inverters, and cabling, the groundworks, installation, and system commissioning.
- We can then discuss with you any changes and adjust the estimate and the design if necessary.
- When you feel that what we have produced meets your own ambitions and budget, we will arrange to come to site to carry out an initial survey. here we will look for system connection points, shading issues, any height restrictions; things that are difficult to establish other than in person.
- At that point, we should be able to create a final quote and give you an idea of timescales.
- You will likely have a planning process to deal with and we will help you with supporting drawings and technical information.
- Once planning permission is achieved, we will provide you with a Contract of Works and agree payment terms.
- We then take care of everything, liaising with you throughout.

Call us on 01424 772 903 or email us [sales@solaruk.com](mailto:sales@solaruk.com) or visit our website [www.solaruk.com](http://www.solaruk.com)

OUR CUSTOMERS BENEFIT FROM OUR EXPERIENCE, OUR CARE, OUR EXPERTISE,  
AND OUR COMMITMENT TO PROFESSIONALISM

*“ I have worked with Solar UK a few times now, and they have again delivered an excellent project for my client. The installation team, and the overall communications from start to finish, were first class ”*

[www.solaruk.com](http://www.solaruk.com)



@SolarUKLtd



[uk.linkedin.com/company/solaruk-ltd](https://uk.linkedin.com/company/solaruk-ltd)