



## Solar PV carports allow you to park vehicles securely and reduce your business energy bills by up to 30% by harnessing solar power.

Solar PV carports are an innovative way to harness the power of the sun's energy. They are the perfect solution if your building roof isn't suitable for a Solar PV system or if you want to add to your existing set up.

### There are many benefits to a Solar PV carport, including the following:

- ⚡ Reducing electricity bills by around 30%
- ⚡ Parking vehicles securely under shelter from the sun and other elements
- ⚡ Making use of your existing land by utilising your car park for renewable energy
- ⚡ Future-proofing your business
- ⚡ Integration of vehicle e-charging facilities
- ⚡ Guaranteed carbon reduction compared to grid consumption
- ⚡ Integration of Electric Vehicle Chargers (EVCs)

As with a traditional rooftop Solar PV system, a Solar PV carport allows you to generate all, or a proportion of, the electrical energy your business needs by using the world's largest renewable energy resource - the sun.

Depending on the location, a carport with ten spaces can generate around 35kW of electricity, saving 7,000 kg of CO2 emissions every single year.

Shawton Energy will work in partnership with you to understand your energy consumption, ensure a Solar PV carport is the right solution and make the switch to solar power as straightforward as possible.



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## A full, turn-key service for Solar PV

Together with our sister company Shawton Engineering, we work in collaboration to provide a full turn-key Solar PV carport service. This includes the design, planning, funding and installation of your Solar PV carport, so there's minimal hassle for you.

Shawton Engineering manufacture and build the bespoke carport for your space depending on your needs, and we then fit the Solar PV system to the roof of the carport. This means fewer planning restrictions are involved in the process, making it faster and more straightforward for our clients.

## Solar PV carports for every site

Solar PV carports can be customised to suit your land and your individual needs and we offer solutions that can suit all businesses. Together with Shawton Engineering, we have innovative ways of designing and installing Solar PV carports to make the most out of your available space. For example, if you have a large car park or several different car parking areas, our modular Solar PV systems can be built in an arrangement to suit your needs and linked together.

- ⚡ Solar PV carports are suitable for any parking area, no matter the orientation or shape
- ⚡ Solar PV carports are suitable for just one row or many rows of vehicles
- ⚡ We can design and install carports suitable for high-headroom vehicles such as trucks, vans etc.
- ⚡ We can implement lighting, drainage, and more depending on your needs

## Fully funded Solar PV carports

All of this can be achieved either through you as a business funding it or Shawton Energy can fund this through our Power Purchase Agreement (PPA) which means no upfront capex or opex from yourselves, we invest in the project and become your long term energy partner, and you buy the energy from the systems over a period of time. We continue to operate and maintain the systems meaning you can focus on your business, and we can support you on your energy project. Through our internal investment house, Lazard Investments, you are working with a trustworthy and credible partner to ensure your project is of the highest standard all at no upfront cost to yourself.

## Demonstrate your commitment to the environment and sustainability

A Solar PV carport instantly shows employees, stakeholders and customers that your organisation is committed to change and is utilising renewable energy to help reach the government's targets of carbon net zero by 2050.

If you're ready to learn more about Solar PV carports and start your journey towards a more sustainable business, our team are here to help. We'll help establish how your organisation can achieve true net zero.

**For more information, contact us using the information below**



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