



VERDITEK SOLAR AND SOLAR EV CHARGING

Verditek Solar has created a strong, lightweight and flexible solar solution that delivers easy to install solar EV charging stations for cars, buses and trucks. Our lightweight solar modules make it possible for landlords to create an additional revenue stream from their car park with minimum site disruption. Stylish solar EV charging pods have never been so easy.

There are over 17,000 parking facilities in the UK and the sector generates £1.5 billion per annum (BPA, 2015).

Installing PV systems on surface and multi-storey car parks to generate renewable energy is becoming increasingly popular as the area above a car park is an otherwise unexploited brownfield site. Likewise more electric vehicles on the road are generating a greater demand for EV charging facilities.

Landlords can use their carpark and the car batteries as assets to buy and sell energy to commercial advantage.

ARE YOU READY FOR WORKPLACE CHARGING SCHEME?

Consumers, employers, and governments are becoming increasingly aware of the environmental impact of their behaviours and policies that influence them in terms of their carbon footprint, air quality and health. As all parties embrace a sustainable future, many businesses are taking advantage of funds made available to encourage the adoption of Electric Vehicles, and their integration into our lives. One large uncertainty is the availability of EV charging stations that can ensure the energy normally found in a petrol station, can be sourced cleanly and made available in our homes, workplace, or urban environment.

ADVANTAGES OF WORKPLACE CHARGING SCHEME

In the UK electric vehicles will be exempt from company car tax from April 2020 as part of new efforts to accelerate EV adoption:

- company car drivers who go electric will pay zero BIK tax from April 2020
- there after EV BIK rates will only increase to 1% from April 2021 and 2% from April 2022
- measures are being considered to increase the uptake of fully EV's among fleets.



ADOPTING VERDITEK SOLAR PANELS IN EV CHARGING STATIONS WILL HELP

- provide an integrated canopy system, anywhere, reducing load on the grid
- using simple supporting structures reduces construction costs (time, fuel, equipment)
- by not using glass thus reducing risk of vandalism or injury in the event of collisions
- landlords, who can earn from their car parks by offering EV charging facilities.

FOR LANDLORDS AND BUSINESSES THERE IS AN OPPORTUNITY FOR YOU TO:

- save more than £1,000 a year in commercial fleet and employee fuel costs per 10,000 miles
- offer electric vehicle charging to your employees
- reduce employee "benefit in kind" tax for company cars
- a green fleet can help reduce CO2 emissions and reach sustainability goals
- landlords can secure new and retain existing tenants
- reduce the risk of not being able to rent out a premises through non-compliance
- reduce the risk of zero dilapidation payments if the premises do not comply
- increase the capital value of your premises.

Typical performance will comprise:

- Solar PV price: 14p/KWh, EV Charging: +25p/KWh
- One 3m X 4.2m car bay can install 1.9KWh ~ 5 KWh/day
- 10 Solar Car bays can charge 1 EV completely (average 50KWh battery)

THE VERDITEK SOLAR 'ONE STOP SHOP' SOLUTION

Verditek Solar offers a complete end to end solution to the client and a secure and trusted progression to savings.

These include the 5 steps:

1. Design
2. Permissions and Procurement
3. Installation (mechanical and electrical)
4. Commissioning and Connection
5. Operations and Maintenance and Monitor

Verditek Solar products are certified with TÜV InterCert to the IEC 61730 and IEC 61215 standards.



Verditek Solar Panels come with up to 10-year product guarantee and up to 20-year performance guarantee.



MOBILE



LIGHTWEIGHT



FLEXIBLE



LOW PROFILE

TALK TO US TODAY TO INCREASE SAVINGS AND MEET REGULATORY STANDARDS ON YOUR PREMISES.

VERDITEK SOLAR

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