



● Complying with the Electric Vehicles (Smart Charge Points) Regulations 2021

UK Regulations

- Electric vehicle (EV) charge points for private use (domestic or workplace environments) to be marketed in Great Britain are being regulated to help manage the increase in electricity demand from the transition to electric vehicles
- Electric Vehicles (Smart Charge Points) Regulations 2021 <https://www.gov.uk/guidance/regulations-electric-vehicle-smart-charge-points> was developed to help ensuring that EV charge points meet certain device-level requirements, enabling a minimum level of access, security and information for consumers
- UK government's new EV charging requirements came into force in England as of June 2022, as part of an overhaul of the country's Building Regulations
- The Business obligations are enforced since June 2022
- The Security regulations will be mandatory from the 31st of December 2022
- Office for Product Safety and Standards (OPSS) is the Great Britain enforcement authority for these regulations

We can deliver

- We can deliver value to the EV charger points industry with an assessment against all regulations.
- The assessment will include synergies with potential future Regulations applicable for EV chargers
- Assurance that the charge point is compliant must be made available through provision of a statement of compliance and technical file, and a record of all sales for 10 years from the date at which the legislation comes into force
- BSI has the required testing and certification experience to be the right partner for these legal regulations for all EV charger points manufacturers intending to sold their devices in Great Britain
- BSI has wide combined experience with smart IOT products and EV charger points testing <https://www.bsigroup.com/en-GB/industries-and-sectors/internet-of-things/> and <https://www.bsigroup.com/en-GB/our-services/product-certification/industry-sector-schemes/automotive-product-certification-and-kitemark-schemes/electric-vehicle-charging/>

Business Obligations:

- Smart Functionality
- Interoperability
- Loss of communication resilience
- Safety

- Measurements
- Off Peak Charging
- Randomized Delay
- Security
- Assurance

Cybersecurity Obligations:

Subset of ETSI 303 645 + Safety requirements

Contact us