
Power Electronics Engineer

Are you passionate about power electronics development and do you want to help create the new infrastructure for e-vehicles? Then we have an exciting challenge for you.

Converdan is a growing company, and we are looking for a skilled and ambitious hardware architect for our development department. As part of an interdisciplinary team, you will have a key position in the development of power converters. In close collaboration with the customer, we take the projects all the way from the specification to ongoing production. This job offers an ample opportunity for personal development, and for being a part of our exciting growth journey.

Your responsibilities will include

- Design lead on the development of AC/DC and DC/DC power modules, primarily aimed at DC fast chargers for electric vehicles and energy storage systems connected to the grid
- Topology research and development of platform components
- Simulation using Spice, PLECS and other modeling tools
- Design of Gate drivers, SMPS, LCL filters, thermal design etc.
- Performing validation tests at the component, circuit, module, and system levels
- Collaborating with colleagues in the supply chain on components and validation of suppliers

Your qualifications

- BSc or MSc in electrical engineering and at least 3 years of relevant work experience
- Experience with design of Power converters, preferably from a few kW and up to MW
- Knowledge about good EMC design techniques for power electronics
- Experience with simulation in Spice, PLECS or other modeling tools
- Good communication skills, with excellent written and spoken English and Danish
- Outgoing and positive attitude, and you thrive by working in teams

You must be comfortable working in a laboratory and with building prototypes, and you must have experience in using measuring instruments such as oscilloscopes, power analyzers, electronic loads, etc.

We offer

An interesting job in an ambitious and growth-oriented company. We have our own in-house electronics production, and one of our strengths is that, with this close integration of development and production combined with a "Go do it" attitude, we move quickly and safely from design to ongoing production.

Our organisation is characterised by highly motivated, responsible colleagues. Freedom with responsibility is one of our key values, and you will find the working environment is informal, agile, and deeply founded on a good collegial spirit.

Determined to attract and maintain the best talent, we encourage all to continuously learn new skills. We have a flexible attitude towards working hours, a policy for home-working and we offer a favourable salary and pension plan as well as health insurance.

Application

Please send your application letter and your CV via job@converdan.com. We encourage you to apply as soon as possible, as we process the applications on an ongoing basis. If you have any questions regarding the position, you can contact CTO Jens Kiib on 21 41 58 04 or email jki@converdan.com. All job applications are treated with full confidentiality.

About Converdan

Converdan A/S develops and produces power converters that are used in fast chargers for electric cars, energy storage and other applications for customers worldwide. The company won the "Børsen Gazelle Award" three consecutive years and expect continuous growth in the years to come. We are currently 22 colleagues in development and production. Read more about Converdan A/S at www.converdan.com.

JOIN CONVERDAN AND ELECTRIFY THE FUTURE