

SENIOR POWER ELECTRONICS ENGINEER



Are you our new Senior Power Electronics Engineer, passionate about developing AC/DC and DC/DC power modules for DC fast chargers and Energy Storage Systems?

As part of a strong interdisciplinary team, you will have a key position in the development of highly efficient power converters. This job offers many opportunities for personal development, and for being a part of our exciting growth journey.

Your responsibilities will include

- Lead Designer on the development of AC/DC and DC/DC power modules, primarily aimed at DC fast chargers for electric cars and energy storage systems
- Topology research and development of platform components
- Simulation in Spice and other modeling tools
- Design of passive power components such as transformers, coils, capacitors, filters, etc.
- Hardware development of Controller board
- Design of onboard SMPS, communication interfaces, analog circuits etc.
- Optimizing the products with the right trade-offs for functionality, cost, power, mechanical and thermal design
- Collaborating with colleagues in the supply chain on components and validation of suppliers

Your qualifications

- BSc or MSc in electrical engineering and at least 5 years of relevant work experience
- Experience with design of 3-phase converters
- Knowledge about good EMC design techniques for power electronics
- Experience with simulation in Spice 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 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 organization is characterized 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 favorable salary and pension plan as well as health insurance.

Application

Send your application letter and your CV via job@converdan.com.

If you have questions regarding the position, contact CTO Jens Kiib on +45 21 41 58 04 or jki@converdan.com. All job applications are treated with full confidentiality.

The process

We continuously assess applications received and hold ongoing interviews.