



Senior Power Electronics R&D Engineer

Denmark

Job reference:DK02540

Would you like to make a difference within the alternative energy sector? Then join Danfoss Solar Inverters as Senior Power Electronics R&D Engineer. In the Hardware Department we offer you an exciting job where you are given a unique chance of influencing the inverter of the future for photovoltaic cells. You will become part of our dynamic development team that develops grid-connected solar inverters. We are very successful in the European solar energy market for inverters, and our very rapid growth has created a need for heavy expansion in our Product Development Department.

Design and develop power electronics hardware

You will be in charge of projects covering the technology, design, development, engineering test and documentation of power design for Danfoss Solar Inverters' products. You will be an important part in assuring that we continue to be at the cutting edge of power switching, DC-DC converter and DC-AC inverter technologies. You will collaborate with supply chain, subcontractors and centres of expertise.

You develop technologies for our products, e.g. security concepts, power topologies, power circuits, power modules, power supply, cooling, sensors, interface, protection, etc. Moreover, you are responsible for development and analysis of power electronic circuits as well as power and apparatus EMC concepts. You create power simulation models, make test and verification activities of new designs and draw up product documentation.

As a Senior Power Electronics R&D Engineer you ensure entirety and reliability in our power solutions as well as standardisation and reuse. You will also be a mentor for and contribute to the professional training of inexperienced younger power engineers. You also take part in task time estimation.

Experienced Power Electronics Engineer with a keen interest in product development

You hold an Engineering degree in Power Electronics and have a minimum of 6 years of strong experience with development of power electronic. Alternatively, you hold a degree in Electronics and have combined this education with a minimum of 8 years' experience in development of power electronics.

You have a keen interest in product development, hardware and power electronics. As a person, you are full of initiative, have a good grasp of the situation, and have an analytical and systematic approach to your work. Besides, you exercise behavioural skills for planning, concluding and documentation and you are able to work independently, but at the same time you are a team player. You have a good command of technical English both written and spoken, and you have a positive attitude towards life.

For further information about the position,

please contact Functional Manager, Kim Petersen at +45 7488 1342. We look forward to hearing from you.

The Danfoss Power Electronics division has three business units: Danfoss VLT® Drives, Danfoss Customised Power Electronics and Danfoss Solar Inverters. With supply chain, research and development centres in China, Denmark, United States and Germany, we develop, produce and market high quality energy-efficient power electronics solutions. Our solutions are used in many different applications, such as pumps, electrical motors, conveyors and cranes. We are also among the world's leading developers of solar inverters.

Danfoss A/S is one of Denmark's largest industrial companies. We have an annual turnover of around DKK 22 billion, and have around 26,000 employees worldwide. We provide solutions within Climate and Energy, a sector we see as a major driving force in the future world economy. We show leadership in business through reliability, excellence and innovation. No matter where you find yourself at Danfoss, the customer is at the center. Our work reflects our corporate behavior; trustworthy, innovative, global, with respect for local cultures and constantly working towards sustainable results.

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