

Senior Electrical Engineer

Deadline Application 31.05.2021 - Please apply with CV and Application letter

Evoy designs develop and deliver world-leading powerful electric motor systems to boats in the professional and leisure segments. We are building an organization and product portfolio that will take the company from regional to international. Our employees experience the joy of building something sustainable, valuable, unique, and electrifying.

We are now looking for a **Senior Electrical Engineer** for our development environment in Florø. You will be given professional responsibility for leading electrical engineering tasks in our technical team for further development of electrical marine propulsion systems. You will have the opportunity to try out your own solutions and to challenge yourself in electrical systems, control engineering and motors. You will also be responsible for compliance with standards for electrical components/systems. You will plan and organize the work of the electrotechnical team. We are looking for candidates who are innovative and think multi-disciplinary. You must identify with Evoy's values: **Genuine, Innovative, Sustainable and Fun** and be a team player who is committed to establishing and nurturing good relationships both internally and externally. You have an interest and experience in working in a hectic and fast-growing environment.

Work Tasks:

- Design and dimensioning of electrical systems for electric boats
- Project management for assigned projects
- Project planning and execution
- Development of documentation and procedures for assigned projects
- Ensure that the systems comply with applicable national and international standards (compliance)
- Contribute to and possibly be responsible for future improvements and further development of existing electrical systems and solutions
- Power supply system in general
- Selection, testing and evaluation of, among other things;
 - Drives and motors

- Li-ion battery packs
- Charging systems
- Simulation and testing of new systems
- Collaboration in technical teams and with other disciplines (commercial and production teams).

Qualifications

- Bachelor's degree, Master's degree or equivalent with specialization in electrical power
- Extensive experience with electro-technical systems/electrical propulsion systems
- Very good skills in project management, organization, and planning
- Good English skills. Good Norwegian skills are an advantage.
- Thorough knowledge of frequency converters and motor drive systems
- Thorough knowledge of low-voltage distribution systems
- Knowledge of chargers and combined charging systems
- Knowledge of Li-ion batteries, structure, and control
- Ability to deliver high-quality documentation for electrical installations and equipment.

It is an advantage if you have:

- Experience with boats, an interest in boating
- Experience with control systems
- Experience in developing new products
- Experience in approving products to public standards in Norway, the EU, and other parts of the world.
- Experience with work in interfaces between mechanical and electrical systems
- Experience with preparation of patent applications

Personal Traits

We seek a person who is environmentally conscious, engaged, targeted, and who shows initiative.

The good candidate:

- Thrives in a hectic corporate environment with a high degree of growth and change.
- Is curious and has kept up to date on developments in electrical propulsion.
- Has the ability to organize the work and ensure progress and delivers at the agreed time.
- Has the ability to work in multi-discipline teams and an interest in interdisciplinary issues
- Is good at creating trust and good relationships
- Has the ability to communicate well and take a practical approach

We can offer:

- 100% permanent position and right to options in the company
- Modern, bright office facilities in an innovation cluster in Florø
- A friendly, good, and qualified development environment
- Constantly new and evolving tasks
- Opportunities for professional development
- Good follow-up and good development opportunities both professionally and personally.

The chosen candidate will be able to grow with the company and create their own workday life and direction.

About the employer

Evoy is an ambitious company with expansive growth. Our vision is to eliminate emissions from boats around the world and make a vital contribution to the biggest challenge of our time, the climate crisis. Our core values are Genuine, Innovative, Sustainable, and Fun.

Evoy designs, develop, and deliver world-leading powerful electric motor systems for boats in the professional and leisure boat segment. We are building an organization and product portfolio that is making the transition from a regional to an international enterprise. Our employees will experience the joy of building something sustainable, valuable, unique, and electrifying.

Evoy is an inclusive company. We believe that we gain strength and a better perspective on our products and services by hiring skilful candidates from diverse backgrounds and experience.

Our head office in Florø is situated in the innovations cluster Peak Florø. The cluster houses several companies that are investing heavily in the blue environmental shift. Florø is known for its idyllic location and proximity to fjords, mountains, and the sea. The beautiful archipelago is perfect to explore with Evoy's electric high-speed boats. We have very good travel connections to Oslo and Bergen, and from there - anywhere in the World!

With Evoy, **YOU** can personally make a real difference!