



System Integration Engineer, Lithium Battery Systems

At Lithium Balance A/S we are looking for an R&D Engineer with a background in electrical system integration.

The Team and the Company

Located in Ishøj, Lithium Balance A/S develop, produce and market intelligent battery management systems (BMS). These are used to secure safe operation of Lithium battery solutions for Automotive, Industrial and Energy Storage applications. The company is an ambitious first mover in an exciting global pioneer business e.g.:

- *The first manned submarine propelled by lithium batteries was controlled by our BMS.*
- *The first manned electric helicopter included our battery management system.*

The Job

We are now expanding our activities in battery solutions for Solar Panel (PV) systems. Here batteries are used to locally store power generated during sunny hours to supply the energy later, for example during the evening. We are planning to install the first 100 kWh system early in 2017 and expect to deliver several systems in 2017. The job will include:

- Specification and qualification tests of key components like batteries, chargers and inverters.
- System design and practical integration and test in the lab.
- System verification and certification in close cooperation with certifying organisations
- Dialogue with sub-suppliers for example on mechanical design and installation

As R&D Engineer you will be part of the R&D group of 7 people. You will be working closely with our sales team, our production, external partners and obviously our customers.

Qualifications

The ideal applicant will have:

- An electrical engineering degree and practical experience in system design and lab-verification
- Experience with power electronics, for example from the PV-sector
- Programming skills necessary to turn different units (e.g. battery chargers and PV-inverters) into a single system
- Entrepreneur spirit, a strong sense-of-urgency and a good deal of humour

We offer

- A unique working environment with 20 enthusiastic entrepreneurs
- Opportunities to grow professionally as well as personally in a dynamic company
- Salary according to qualifications

For questions to the job, please contact R&D Director Claus Friis Pedersen at +45 4191 8368. To apply. Please send CV and application to contact@lithiumbalance.com before May 10th.