



## PCB designer for a battery based green energy future

Lithium Balance develops Li-ion battery management systems (BMS) to control and monitor the increasingly powerful and complex batteries of the future green energy sector. We are growing rapidly and need several new key employees to develop and produce new generations of battery management systems for batteries in cars, trains, motorcycles and solar panel energy storage.

### PCB designer:

The Hardware department at Lithium Balance is looking for a PCB designer to develop the Battery Management systems of the future.

We are looking for a PCB designer. You must master Altium, and if you also know Alegro, it is an advantage. You must have experience in the layout of both analog, power and digital circuits, since our Battery Management Systems typically are a combination of many different functions gathered on one board. A Battery Management System typically consist of a processor, isolated DC-DC supplies, as well as analogue circuits to monitor battery voltages and temperature. Lithium Balance mainly design electronics for the automotive industry, and therefore our level of documentation is very high, and knowledge of ISO 26262 will be an advantage.

All documentation at Lithium Balance is written in English.

You will be part of a dynamic hardware team with quick decision-making paths and participation. We work in project teams to ensure a good and open dialogue, because we believe that together we will achieve better results.

### Qualifications

The ideal applicant will have most of the qualifications below:

1. Several years of experience within PCB design
2. You must master Altium
3. Knowledge in EMC optimized PCB layout
4. A basic education as electronic engineer or technician
5. Knowledge and interest in analogue and power electronics

### We offer

- A unique working environment with 60 enthusiastic entrepreneurs in a very fast-growing international company
- Salary according to qualifications
- An opportunity to shape the future of green energy storage and to develop hardware that might be an essential part of your future electric car

To apply for the position, please send CV and short application to [contact@lithiumbalance.com](mailto:contact@lithiumbalance.com). If you have any questions, you are very welcome to contact Hardware manager Carl Nielsen at 41334658