

RELiON Battery Job Description

DATE RELEASED: March 19, 2021
JOB TITLE: Electrical Test Engineer (Battery/Power Systems)
JOB TYPE: Full-time
LOCATION: Snohomish (Seattle), WA
REPORTS TO: Engineering Manager

Description:

Do you have a passion for working in fast-paced business and rapidly expanding Lithium-Ion Battery Market? At RELiON Battery Engineering group we formulate battery system solutions for our customers and business partners. While we are working hard for business success, we also believe in giving back to the world as “1% for the Planet” member.

As the Electrical Test Engineer you will work in our test engineering group to validate battery system compatibility and BMS capabilities for next generation consumer electronics. You will work with cross-functional teams to understand end user application requirements, lead test execution, and provide/document results. You will push the industry boundaries of what batteries can do and improve the product experience for our customers across the world along with the opportunity to join this amazing team of professionals.

Responsibilities:

- Analyze all aspects of batteries and battery applications to ensure proper battery operation
- Develop hardware and test harnesses to run specialized tests
- Work with OEMs /Customers to optimize battery designs and/or battery modifications
- Design & test battery systems (Chargers, DC-DC converters, inverters, and charge controllers)
- Support successful launch of new products and new OEM accounts.
- Qualify/test firmware
- Develop and support Production electrical tests and test equipment and protocols to provide a traceable verification.
- Develop hardware and software for specialized tests to duplicate field conditions.
- Develop automated test equipment and fixtures for board-level testing and for final-assembly testing.
- Provide support documentation to that outline test procedures, test measurements, and troubleshooting steps.
- Troubleshoot and identify design weaknesses in electronic circuitry hardware and communication protocols



Skills and Qualifications:

- BS Degree – Electrical Engineering Technology or equivalent
- 3+ years in related field battery industry or battery-based systems preferably
- Working experience with Chargers, DC-DC converters, inverters, and charge controllers highly valued
- Experience in communication protocols preferably CAN
- Experience in test automation using PLC, Visual Studio
- In depth experience in electrical test equipment -Oscilloscopes, meters, data-loggers, power supplies, analyzers etc.)
- Knowledge of electronics hardware designs
- Strong communication, problem-solving skills, and work ethic.

Who We Are:

RELiON Battery is a global leader and manufacturer of lithium batteries for use in high power applications such as boats, RVs, EVs and solar energy systems Our tagline, Challenge Your Limits, reflects our philosophy. We like to say you will run out of adventure before you run out of power. We want sports and outdoor enthusiasts to challenge their limits, without worrying if their battery can keep up with them. We are committed to improving lives and improving the planet, and that is our promise to our employees and our communities. We are sustained by the backgrounds and experiences of our talented team members, which reflect who we are, the environment we create and how we work together. Our company is built on values of integrity and commitment. We define our cultural mindset through four simple behaviors: We use our business for good, create an environment of trust, seek different perspectives and achieve excellence.

At RELiON, you will find an engaged team, where people share their joy for technology, ready to coach you as well as learn from you. For us, the culture fit is important as we want to invest in our people for the long term. If you like working on a variety of projects, and with other intelligent, hardworking people – while making a positive impact on the environment - then this is the place for you.

Why Work for RELiON?

- Full medical, dental, vision, AD&D, and short-term disability. FSA & HSA benefits
- 401(k) matching
- Paid Holidays and Vacation
- Paid time off for volunteer work
- Employee environmental and wellness initiatives
- Competitive salary commensurate with experience

COVID-19 Considerations:

The majority of RELiON team members work remotely. To keep all in-office employees safe, all employees are wearing face masks & are socially distanced while in the office & working. Current meetings with customers are via Microsoft Teams and other video conference methods.

RELiON is committed to creating a diverse environment and is proud to be an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, gender, gender identity or expression, sexual orientation, national origin, genetics, disability, age, or veteran status.

