***Come work as a Senior Mechanical Engineer at a rapidly growing public company … Become a part of our team!***

**Get to Know Us**

Flux Power is a fast-paced, high-growth (40% YoY), publicly traded company (NASDAQ: FLUX) that is leading the adoption of lithium-ion technology solutions. We design, manufacture, and sell advanced lithium-ion battery packs that are disrupting the 100+ year old market for lead acid batteries. Our battery packs are used to power industrial and commercial equipment like forklifts and airport ground support equipment, as well as new applications like solar-powered EV charging stations.

**About the Role:**

The Senior Mechanical Engineer is responsible for leading all aspects of battery system mechanical/electrical design and development including architecture, safety, structural, documentation, assembly, and testing. Advanced CAD capabilities are critical to the success of this position.

**What you Will be Doing:**

* Manage the mechanical development of new battery systems by ensuring appropriate coordination of multidisciplinary groups, mechanical engineering, industrial design. drafting, production engineering, quality, and supply chain.
* Utilize CAD (SolidWorks) and other product design software in the development of new products.
* Lead team of industrial designers and draftsmen to create professional engineering drawings, BOMs and ECOs.
* Perform investigations to determine root cause which may result in recommendations for quality, and assembly improvements as well as rework to correct product conformance deficiencies.
* Assure system and product quality by designing testing methods; testing finished- product and system capabilities; confirming fabrication, assembly, and installation processes.
* Design and develop battery system solutions such as battery module architecture, BMS enclosures, load boxes, etc.
* Lead the mechanical integration of cells, electromechanical components, and hardware.
* Build prototypes and conduct testing (in-house and field) of those prototypes.
* Participate in project schedule creation.
* Provide clear, concise, accurate and timely verbal and written updates to project and department management.
* Conduct design reviews.
* Support the New Product Introduction team from pre-pilot through production launch.
* Evaluate design/assembly approaches; select and implement the most cost-effective, time sensitive solution.
* Domestic travel to commission and support new product sales / demos (up to 20%)
* Perform other related duties as assigned.

**Required Education and Skills:**

* Bachelor’s degree in Mechanical/Electrical Engineering or equivalent.
* 10+ years of relevant engineering experience preferred.
* Working experience in Design Engineering: 5+ years preferred.
* Proven capabilities using SolidWorks in a business environment.
* Knowledge of high-volume manufacturing processes and/or automation.
* Ability to multi-task while shifting priorities on day-to-day basis.

**What Can We Offer You for All Your Hard Work?**

**Benefits**

* Medical, dental and vision insurance options
* 401K Plan with company match
* Life Insurance
* Paid Time Off
* Paid Holidays

We are committed to a safe, drug-free workplace by performing pre-employment background checks and substance testing.

**Notes**

* No recruiters, contractors, or consultants, please.
* No relocation assistance or visa sponsorships available for this position.

**Please review our career page at** <https://www.fluxpower.com/careers>

*\*\*\*Flux Power is proud to be an equal opportunity employer committed to providing employment opportunities (EEO) to all employees and applicants for employment without regard to race, color, religion, sex, national origin, age or disability, or any other class protected by Federal, State or local laws. Flux Power complies with all employment eligibility verification requirements of the Immigration and Nationality Act and all must have the authorization to work in the US.*