***Come work as a Product Support Engineer at a growing company that offers great benefits with opportunities to advance and learn alongside accomplished business leaders … 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 Product Engineer is responsible for leading all aspects of battery system mechanical/electrical design and development including architecture, safety, structural, documentation, assembly, and testing.

* Manage the development of new battery systems by ensuring appropriate coordination of multidisciplinary groups, including electrical/firmware engineering, mechanical engineering, drafting, production engineering, quality, and supply chain.
* Take ownership of all aspects of product development from initial customer and/or product requirements capture through release to production.
* Independently 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.
* Assures 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.
* Building of prototypes and testing (in-house and field) of those prototypes.
* Statistical analysis of test data to arrive at appropriate final design adjustments.
* Participation in project schedule creation.
* Participation in brainstorms of best ideas and solutions.
* Providing clear, concise, accurate and timely verbal and written updates to project and department management.
* Participation in and running design reviews.
* Supporting our in-house assembly department from pre-pilot through production stabilization.
* Evaluate design/assembly approaches; select and implement the most cost-effective, time sensitive solution.
* Receives requests from Customer Service, Purchasing, Inspection and Production Teams to investigate problem issues and provides expert advice for improvements.
* Application of LEAN Six Sigma and 5S methodologies for continuous improvement of manufacturing as well as operation business processes.
* Domestic travel to commission and support new product sales / demos (up to 20%)
* Perform other related duties as assigned.

**What you Will Need**

* Bachelor’s degree in Mechanical/Electrical Engineering or equivalent.
* 5+ years of relevant engineering experience preferred.
* Working experience in Design or Manufacturing Engineering: 3+ years preferred.
* Familiarity with 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.
* Demonstrated ability to own an assignment and see it through to completion.
* Comfortable working on cross-functional teams of mechanical, electrical and software engineers and able to collaborate effectively and efficiently.
* Proficient in Excel and basic mechanical/electrical calculations
* Must have an attitude of innovation and seek leadership responsibilities.
* Ability to read and understand engineering documentation, CAD files and schematics.
* Must be able to lift 50 pounds periodically throughout the workday.
* Must be able to travel domestically.

**Other Duties**

**Please note this job description is not designed to cover or contain a comprehensive listing of activities, duties or responsibilities that are required of the employee for this job. Duties, responsibilities, and activities may change at any time with or without notice.**

**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

**COVID-19 Precaution(s)**

* Personal protective equipment provided or required
* Sanitizing, disinfecting, and cleaning procedures in place

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.*