

Job Title:	Mechanical Engineer	Approved:	9/22/26
Job Classification:	Salary	FLSA Status:	Exempt
Department:	Engineering	Location:	Vista, CA

About Flux Power

Flux Power Holdings, Inc. (NASDAQ: FLUX) is an energy storage company headquartered in Vista, California. Founded in 2009 with a focus on designing and manufacturing lithium battery packs, Flux Power serves customers across material handling, industrial, and commercial markets. With 30,000+ battery packs deployed across North America and a track record of saving more than 10,000 gallons of CO₂ emissions.

The Opportunity

The Mechanical Engineer is responsible for leading all aspects of battery system mechanical/electrical design and development including architecture, safety, structural, documentation, assembly, and testing.

Essential Duties and Responsibilities

- 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.
- Utilize CAD (SolidWorks) and other product design software in the development of new products.
- Lead the mechanical integration of cells, electromechanical components, hardware, and wire harness development.
- Evaluate and spec appropriate components to fulfill application needs in the most cost-effective manner.
- 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 brainstorming 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.

Must Haves

- Bachelor's degree in mechanical 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.

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

****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.*