



Career Opportunity: Mechanical Engineer

This is an opportunity to join a fast-paced, dynamic small company environment to work on programs that make a difference to the United States and our allies. Your experience in Battery Engineering and BMS will be a great value-add to our team as we continue to expand our largest product line at the company. Your impact on our success and growth will be daily and direct. You will be joining an experienced and collaborative team that can support your appetite for continuous improvement, regardless of where you are in your career journey.

Responsibilities:

- Full-cycle development of battery and charger products from concept to production.
- Design, develop, analyze, and test new and existing battery and charger products, typically high-energy-dense battery solutions for rugged terrain.
- Support Electrical Engineers with Battery Management System (BMS) designs; provide feedback on proposals with basic battery concepts, working towards requirement analyses and compliance matrixes.
- Work shoulder-to-shoulder with customers to understand key requirements and derive critical features into your design approach; this may involve presenting your work products to customers in weekly status meetings or formal design reviews.
- Develop a testing approach in collaboration with the customer; create detailed test procedures and other supporting documentation; shepherd customers through the customer review process. You will be physically performing battery testing in a lab or outside test facility.
- Perform failure and root cause analyses.
- Support multiple programs simultaneously.

Education, Experience, and Qualifications:

- At least 3-5 years of hands-on experience in advanced battery pack design using cylindrical or pouch cells; this includes strong knowledge of battery cell attachment methods, power electronics packaging, and buss bar design and an understanding of battery BMS fundamentals
- A strong understanding of how to design for safety in mechanical battery packs (direct experience strongly preferred)



- SolidWorks 3D CAD & drafting proficiency (strongly preferred; other 3D CAD design software may be considered as an equivalent depending on other relevant experience)
- Proven ability to design tests and experiments
- Performing requirements analysis/compliance matrix
- Strong technical writing skills
- Experience in electronic circuit design (strongly preferred)
- Bachelor's Degree in Electrical Engineering, Mechanical Engineering, or a similar discipline (strongly preferred)
- Proficient with MS Office Suite (Email, Word, Excel)

Job type: Full-time, Exempt. Salaried. US Citizenship is required.

In-office job role: 100% on-site, in Simi Valley, CA – not remote.

Salary Range: \$130,000 - \$170,000