

Battery Engineer

Job Overview:

The Battery Engineer will join a dynamic small aerospace company where you will take on high profile aerospace and defense product design, development, and test of battery and battery related products for missions that make a big difference to the United States and our allies. Our customers are a mix of US Government prime contracts plus contracts with important US prime contractors. The right candidate will have demonstrated success in design, development, and test of battery systems in the automotive or aerospace applications – at least 2 years of battery design or battery management systems experience.

Job Role and Responsibilities:

- Work onsite at our facility in Chatsworth, California on a 9/80 work schedule. This job is 100% on-site.
- Design, develop, analyze and test new and existing battery and charger products; these are typically high-energy-dense battery solutions for rugged environments – Rockets, launch vehicles, missiles, spacecraft, aircraft, unmanned systems.
- Work closely 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 battery testing approaches; create detailed test procedures and other supporting documentation; shepherd customers through the customer review process, you may be physically performing battery testing in our lab or an outside test facility
- Support the team as required: failure and root cause analyses, support multiple programs simultaneously, develop customer data deliverables, requirements analysis / compliance matrix

Requirements and Experience:

- At least 2 years of experience in advanced battery pack and/or battery management system design experience, supporting a bespoke battery design for a demanding platform application in aerospace, automotive, or transportation markets. Your experience base should include strong knowledge of battery cell connection methods, power electronics packaging, buss bar design and an understanding of battery BMS fundamentals.
- Bachelor's degree in Engineering, Physics, or similar STEM discipline
- Outstanding communication skills, especially technical writing skills
- Preferred: Direct experience in safety design for mechanical battery packs including thermal runaway propagation mitigation design

Job type: Full-time, salaried/exempt. US Citizenship is required.

Pay Range: \$90,000 - \$190,000 per year. Relocation assistance may be available.

Benefits:

- 401(k) and 401(k) matching
- Medical, Dental, Vision insurance
- Flexible spending account
- Life insurance
- Long Term disability
- Paid time off