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Natron Energy delivers battery technology breakthroughs that enable the world's fastest growing industries: data centers, vehicle electrification, renewable energy, and materials handling. By offering high power, long lasting, safe battery systems, Natron solves problems for data services, electric vehicle fast charging, and other power services providers. Natron's products are based on a new sodium-ion technology that makes them totally stable –no risk of fire as in lithium-ion batteries. Natron recently launched its first product in the data center market and is now ramping up production 100x over the next two years. Natron recently closed its Series D funding round and is backed by nine leading venture and strategic investors.

Natron is seeking a Senior Mechanical Engineer to lead the mechanical design and development of its high-power battery systems for Data Center UPS and EV charging applications. The occupant of this position will work in a team of engineers to solve technical challenges including the conception and creation of new designs that maximize electrical, thermal, and mechanical performance while maintaining manufacturability. He or she will also execute prototyping projects including building and testing battery packs and racks. This person is a passionate, creative, goal-oriented engineer who is comfortable with developing new concepts and designs. They are capable of providing guidance to less experienced team members. This position requires extensive hands-on work and a do-whatever-it-takes attitude to get the job done.

### Responsibilities:

- Understanding of industry and customer application requirements, and translating these into the mechanical portion of product design specifications.
- Ownership of mechanical designs for Natron's product line of high-powered battery systems.
- Lead the mechanical design of battery cells, modules, packs, and racks from initial prototype to final release for production, with continued support in production.
- Lead the physical layout of mechanical and electrical components within battery packs and racks.
- Document product designs with engineering models and drawings, assembly processes with SOPs and MIs, and mechanical analyses to others teams and management.
- Work with Operations and Manufacturing Teams to meet cost targets and DFM through optimized design of the modules, batteries, and systems.
- Participate in the mechanical FMEA for product designs.
- Provide guidance and support to less experienced mechanical engineers.

### Experience and Skills:

- Bachelor's or Master's degree in mechanical engineering or a related field.
- At least 7 years of engineering experience in the mechanical design of high-power battery packs and systems (operating voltage 300 to 800+ volts) or other energy generation /storage products; experience in rack-mounted products is a plus.
- Proven ability to convert product requirements into product designs with significant experience in conceiving, designing, and prototyping new designs.
- Experience with the fabrication of sheet metal and injection moldable plastic components.
- Experience working with suppliers and manufacturing engineers to determine manufacturing feasibility of new designs.
- Experience with thermal design considerations a plus.
- Fluency in CAD modeling software (e.g., SolidWorks).
- Experience using GD&T drafting standards.

- Familiarity with development phases and engineering change processes.
- Experience with designs going into commercial production.
- Demonstrated experience working successfully with across an engineering organization and internal stakeholders.
- Excellent verbal and written communication skills.

Logistics:

- This is a regular, full time position.
- Employee must work on-site in Santa Clara, CA.
- Compensation is competitive with other Bay Area Systems Engineering positions.

Contact Information:

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