



November 25, 2019

Only three rechargeable battery chemistries have been commoditized in the past two centuries. Natron Energy has delivered the fourth. Natron's products enable solutions for next-gen power services in multi-\$Billion markets including data centers, EV fast charging, materials handling, and renewables support. Natron's batteries offer breakthrough performance in three metrics critical to these markets: ultra high power capability including full discharge and recharge in minutes, an unmatched service life of tens of thousands of deep discharge cycles, and unique safety and fault tolerance including no thermal runaways. Natron's batteries are based on a new sodium-ion chemistry that includes Prussian blue electrodes, and are fabricated in existing lithium-ion plants. Natron launched its first product for data center customers in Q4 2019, and is backed by seven leading venture and strategic investors.

Natron is seeking a Staff 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:

- Lead the mechanical design of battery cells, modules, packs, and racks from initial prototype to final release for 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.
- 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 racks (operating voltage 400V to 600V) or other energy generation / storage products.
- 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.
- Fluency in CAD modeling software (e.g., SolidWorks).
- Experience using GD&T drafting standards.

Logistics:

- Full time, permanent position.
- Employees must work full time on site in Santa Clara, CA.
- Contact: JHauser@hobbstowne.com, jobs@natron.energy