

Chief Engineer/Manager Mechanical Engineering

Job Summary:

Gridco Systems, Inc. is an emerging leader in the power quality mitigation and energy management of the Electric Utility's low voltage distribution network. Headquartered in Woburn MA we offer rewarding technical work in design, manufacturing, and usage of power electronics to mitigate power quality delivery issues to the electrical consumer. We are searching for a Chief Mechanical Engineer/Manager who can join our staff of highly trained and experienced product development professionals. This individual will be responsible for performing system design analysis, support research activities, and coordinate mechanical design development tasks. The ideal candidate will have excellent thermal heat transfer analysis skills, advanced electromechanical packaging skills, and power electronics packaging experience. The role is an integral part of the product development organization, focused on long term product development execution, identifying strategic technology direction and design approach that aligns with the company's overall product development direction.

Essential Duties and Responsibilities:

- Evaluate design options and perform experiments when required to determine the feasibility of a design approach.
- Construct prototypes, evaluate and document performance; identify improvements.
- Specify, design, and evaluate mechanical and electromechanical designs to optimize the thermal performance and electromechanical packaging efficiency of the system while minimizing projected manufacturing costs.
- Collaborate with vendors to produce mechanical components and subassemblies
- Create engineering drawings, test plans, technical reports and present status to the company's management team.
- Review detailed design drawings and documentation.
- Provide mentorship to the other engineers and personnel within the company.

Qualifications:

- Bachelor's Degree in Mechanical Engineering
- 10 plus years of product development experience.
- High degree of comfort with ambiguity and change during the early product concept phase
- Experience with Mechanical CAD packages: SOLIDWORKS, Pro-E, or AutoCAD.
- Thorough understanding of fundamental electromechanical design practices
- Proficient in the use of 3D modeling and thermal analysis using SOLIDWORKS.
- Strong oral and written English communication skills.
- Demonstrated experience in project management including; task identification, scheduling, and cost estimation.
- Self-Starter, can manage and prioritize multiple tasks simultaneously and can work in an environment with minimal supervision.

Preferred:

- Experience with Electromechanical design of Power Electronic systems.

- Experience with high current conductors and connector assemblies
- Experience designing industrial outdoor electronic enclosures
- Extensive experience with SOLIDWORKS
- Command of Geometrical Dimensioning & Tolerancing (GD&T)
- Extensive experience with thermal analysis and efficient heat dissipation
- Experience with Arena BOM Management Documentation
- Experience with JIRA Issue Tracking Software

Qualified candidates can contact:

Gridco Systems, Inc.

Attention: HR Department

10 L Commerce Way

Woburn, MA 01801

E-mail: careers@gridcosystems.com