



## **Electrical Engineer**

Inspired Energy is an industry leading manufacturer of Smart batteries and Smart Battery products with the primary focus on design and manufacture of World Class rechargeable Lithium-Ion batteries and chargers for Global distribution. Headquartered in Newberry, FL, we are a fast-growing, multi-million-dollar corporation recognized as a one of the top companies in low volume, high customization portable power products with the use of innovative business solutions and top-quality customer support.

### Job Description

We are looking for an Electrical Engineer in Newberry, FL to research, develop and test new products that are cost effective solutions required by customer demands. The candidate must be able to provide hands on work in the laboratory to perform Hardware and software testing as well as debugging and integration of prototype circuits with other systems as required.

The successful candidate will perform the following:

- Research, Develop and Test new products that are cost effective solutions required by customer demands.
- Provide hands on work in the laboratory performing hardware and software testing and debugging/integration of prototype circuits with other systems.
- Perform technical customer support for current product lines.
- Design Electrical Schematics and PCBs using Altium Designer as well as software development.
- Develop electronic circuits and control algorithms for smart battery packs and chargers.
- Design, document, and validate designs.
- Conduct and participate in technical reviews.
- Write engineering requirements, test plans and specifications.
- Develop constructive and cooperative working relationships.
- Technical leadership and an ability to effectively collaborate with cross-functional teams.
- Manage time and tasks of yours as well as others.
- Maintain a leading position in technical knowledge and continuously apply newly learned knowledge.
- Relevant knowledge for compliance of laws, regulations, or standards.

### Required Experience/Skills

- Bachelor's Degree in Electrical Engineering Familiarity with PCB fabrication;
- Experience with Altium Design Software;
- Experience with a programming language such as C, C++, and ASM;
- Experience using electric equipment such as multimeter, oscilloscope, power supply, load and function generator.

### Preferred Experience:

- 1 year of hands-on design or testing experience within an engineering or manufacturing environment;



*Inspired Energy is an equal opportunity employer. All employment decisions at Inspired Energy are based on business needs, job requirements and individual qualifications without regard to race, color, religion or belief, national, social or ethnic origin, sex (including pregnancy), age, physical, mental or sensory disability, HIV Status, sexual orientation, gender identity and/or expression, marital, civil union or domestic partnership status, past or present military service, family medical history or genetic information, family or parental status, or any other status protected by the laws or regulations in the locations where we operate. Inspired Energy will not tolerate discrimination or harassment based on any of these characteristics.*

Advantages of working at Inspired Energy:

- Stable Employment with Excellent Growth Potential.
- Exceptional Bonus and Profit-Sharing Programs for full time employees only
- Full Benefit Package and Paid Time Off for full time employees only
- Dynamic, innovative and inclusive company culture.

All post-secondary education listed on a Candidate's application and resume must be verifiable, including but not limited to dates of attendance and degree/diploma awarded. Post-secondary education includes any courses taken through an accredited college or university in pursuit of a degree.

Salary to commensurate with qualifications and or experience.

Candidates must send resumes to Inspired Energy HR department 30 days from the posting date to be considered.

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