EC Power
341 N. Science Park Road, Suite 206
State College, PA 16803
Ph: 814-861-6233
Fax: 814-861-6234

Battery Module Engineer

EC Power intends to bring the simplicity and safety that batteries need to wholly electrify society. As a company, we value our employee's creativity and problem-solving grit, and we strive to make sure that it is always acknowledged and awarded. We set you up for success, because we know that you will be the key to our success in creating a cleaner, greener world.

We are seeking a motivated and innovative engineer with experience designing and developing battery modules for cutting edge applications. You will work both independently and as part of a team on product development activities, helping to advance existing products and inventing new ones.

In this position you will:

- Be responsible for the de-risking of new and innovative technologies.
- Lead the design and build of low voltage battery modules.
- Optimize designs for thermal control, both using EC Power's thermally modulated cell and traditional thermal management systems.
- Optimize designs for safety and relevant performance metrics (energy density, specific energy, cost, etc.)
- Lead design reviews for system integration and participate in cell-level design decision making.
- Assist in the preparation of documents and reports for customers.

Qualifications/Desired Experience:

- BS, MS, or PhD in Electrical Engineering, Mechanical Engineering, Chemical Engineering, or the like.
- EC Power is a small and agile company. If you like to wear multiple hats and think outside the box to solve problems, this job is for you.
- Previous experience in the design and build of battery modules and/or packs is preferred.
- In-depth understanding of battery performance and limitations.
- Experience working across multiple components of the design and fabrication process for prototyping is preferred.

Compensation: Expected salary range: $100-130k. A relocation package will be provided if applicable: position is in State College, Pennsylvania, home of Penn State University.

Interested applicants should send a cover letter and resume to careers@ecpowergroup.com.