

HindlePower is seeking an Electrical Design Engineer for stationary battery charger systems. The ideal candidate will have knowledge in digital, analog, and power electronics design. A bachelor's degree in electrical engineering and 7+ years of industry experience is preferred. The position requires a strong commitment to quality and will have responsibilities for products in both R&D and production.

Had you been with us last month, you would have...

- Created and/or redesigned existing Schematics and Printed Circuit Board designs for our DC control systems and test fixtures
- Created BOM (Bill of Materials) for your new designs along with all production documentation including material costs and winding sheets for the magnetics.
- Designed filter inductors and main power transformers with standard input and output voltages for our Battery Charger family.
- Tested new designs to ensure they meet all internal and 3rd party environmental, regulation, and safety standards.
- Worked with manufacturing personnel analyzing and resolving production issues, or documentation issues.
- Participated in discussions with engineering group to collaborate on the system design of higher current versions of the single phase and three phase ATevo product line.
- Attended weekly engineering meetings and bi-weekly staff meetings which include the entire company.

Desired Experience:

- Bachelor's degree in Electrical Engineering from an accredited engineering college
- 7+ years' experience working as an electrical engineer in a similar field
- Power Electronics, Analog, Digital, and Embedded Microcontroller Application designs
- Magnetics design (transformers and chokes)
- SCR Control and Driver Circuit design
- Ability to use Microsoft Office products (Outlook, Excel, Word, PowerPoint)
- Experience in supporting manufacturing environment

Additional Preferred Experiences:

- PCB Design (Altium)
- Circuit Analysis and simulation software
- Switch-Mode Power Supply Design
- Thermal management
- Designing and testing products to comply with UL/CSA and other 3rd party standards

What we do...

HindlePower has been designing and manufacturing industrial (non-commercial) battery chargers and dc power systems for the utility industry for over 35 years. Our staff and products serve the power generation and distribution market, switchgear OEMs, power substations, the oil & gas industry, and various transportation maintenance facilities.

We were founded in 2000 and have enjoyed a history of steady organic growth. We don't directly focus on growing our top line but rather the components and company attributes that satisfy our employees. A recipient of 'Top Workplaces to Work' in the Lehigh Valley, we believe when you take care of your people, they'll take care of your customers, and everyone wins. We're a company focused on moving ahead, making constant small changes that help us continually innovate the way we do business.

What's In It For You:

Our appealing work environment includes highly competent co-workers, competitive pay, engaging work, full health, vision, and dental benefits, 401k with employer match, a gain sharing program, and a full-service cafeteria that serves free lunch. We are a flat organization, or as some people say: 'see and do.' If you like working in an environment with limited hierarchy, you'll enjoy working with us. We're the opposite of corporate culture yet provide many of the same benefits.

HindlePower is an Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, creed, sex, sexual orientation, gender identity, national origin, disability or veteran status. We prefer our employees to be on-site but offer remote work on an as needed basis. HindlePower will provide reasonable accommodation to all applicants and employees.