**ESS Junior Battery System Engineer**

**Sunlight Group Energy Storage Systems** is a world-leading technology company and provider of innovative industrial and off-road energy storage solutions, with 30+ years of experience. We specialize in the development and production of lead-acid and lithium-ion batteries for industrial mobility, leisure mobility, and ESS applications. These products are manufactured and assembled in Sunlight’s state-of-the-art facilities in Greece, Italy, Germany, Israel, and USA, and distributed to more than 115 countries.

Driven by our commitment to inspire our people and unlock their potential, and steadfast in our commitment to Diversity, Equality & Inclusion, we have created an agile and innovative environment that promotes open communication and collaboration, while offering continuous learning and development opportunities to the 3,100+ people we employ across the organization.

We are currently looking for an ingenious **Battery System Engineer**for our Lithium ESS development team**.**As a **Battery System Engineer,**you will have the exciting opportunity of working in a group that develops innovative products. The role revolves around the electrical design and peripherals of battery and energy storage modules. The core of the tasks involves requirement specifications for battery systems and sub-systems, designing, simulating and sizing the proper electrical components (active or passive) that provide the complete electrical interface between the fundamental battery cells, contained within the energy storage modules, and the receiving system that utilizes the energy storage modules.

Moreover, the role also requires developing test methods, designing and executing experiments, and prototyping new innovations to improve existing or delivering new lithium battery products that meet customer requirements and company high standards. This role will provide the right candidate with excellent growth potential.

**For this position, please apply to the following link:** [**Apply Here**](https://systemssunlight.recruitee.com/o/ess-junior-battery-system-engineer)

**Key activities and responsibilities of this role include:**

* Conceptual design of battery systems used in ESS applications.
* Electrical system design of energy storage systems
* Requirements specifications (electrical, mechanical, hardware, software) for battery management systems and sub-systems used in ESS
* Developing and manage system requirements and design sets and ensuring analysis and testing to meet product requirements

**Job requirements**

* University and/or bachelor’s degree in electrical engineering or equivalent experience
* 1-2 years of industrial experience in a Research & Development environment or Li-ion battery applications is a plus
* Experience with system requirement specifications, IEC/UL standards interpretation and technical specifications preparation is a plus
* Experience with integration of inverters with HV battery systems is a plus
* Knowledge of Matlab/Simulink, Autocad Electrical, LTSpice, E-plan is a plus
* Excellent written and oral skills in English

**What we offer you**

To start with, we give you the opportunity to thrive in a restless team and grow your potential in an innovative environment. As per your compensation and rewards package, this is a preview:

* 💸 Competitive salary package and bonus scheme
* 👩‍⚕️ Health and life insurance for you and your family
* 🧘🏻 Employee wellness program & initiatives
* 📚 Continuous training opportunities
* ⭐ Clear career paths & a developmental 360° feedback framework
* ✈️ International mobility opportunities