



## Role Profile Summary

<b>Title:</b>	Product Innovation Engineer
<b>Reporting to:</b>	Head of Engineering
<b>Location:</b>	Connected Energy Technical Centre, Norfolk, NR14 8FB

<b>Purpose of Role:</b>	Be part of a world-leading, multidisciplinary team in a growing business that develops innovative energy storage products in a rapidly expanding industry. Connected Energy's products are novel in their use of repurposed EV battery packs, presenting a unique and exciting challenge.
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<b>Accountabilities</b>
<ol style="list-style-type: none"><li>1. Maintaining a working knowledge of Connected Energy's products and relevant developments in the industry.</li><li>2. Working as part of a diverse team to deliver solutions that meet the wider requirements of the business.</li><li>3. Planning and delivering projects efficiently and effectively within agreed timescales.</li><li>4. Maintaining professional and safe working practises within the business.</li><li>5. Complying with company policy.</li></ol>

<b>Role Description</b>
As Product Innovation Engineer, you will work closely with the Head of Engineering on the front-end engineering of Connected Energy's products. In this role, you will take a holistic approach to Connected Energy's product design and have a desire to learn about the main drivers of system requirements, both technical and commercial. You will become familiar with the state of the energy storage industry, including both the development of novel technologies and competitor products. This information will be used develop concepts of innovative products and assess their technical and commercial feasibility.



### Responsibilities

While the work will vary according to the project, you will typically need to:

- Understand the detailed design of Connected Energy's products sufficiently to understand their operation and limitations.
- Understand the key market drivers and revenue streams for energy storage systems, and their influence on system requirements.
- Develop concepts for innovative products including both technical and commercial feasibility.
- Create clear and concise summary material for presentation to both internal and external audiences.
- Keep up to date with the energy storage and electrical mobility industries, including competitors' products and developments in energy storage technology.
- Occasionally support the engineering team with the analysis and presentation of system testing data.
- Occasionally support the Sales team with any technical queries or technical conversations with customers.

### Specific Skills Requirements

You will need to demonstrate:

- An ability to assimilate knowledge from several technical disciplines and apply it on a system level.
- A desire to research and report on a diverse range of aspects of the energy storage industry, including technical, commercial, and regulatory material.
- A holistic approach to developing concepts for new energy storage products.
- An ability to understand technical system documentation (e.g. electrical and mechanical drawings).
- Excellent verbal and written communication skills.
- A flexible approach to completing tasks, sometimes with short notice.
- Self-motivation and capability of delivering work tasks without additional resource.

Complementary skills:

- Experience of using 2D CAD software (e.g. AutoCAD) for creating concepts.
- Experience of data analysis, interpretation and presentation would be useful.
- A collaborative approach to working in a multidisciplinary team.
- Experience of organising and completing several tasks concurrently.



Potential complimentary career backgrounds:

- Engineering/scientific research environment
- Electrical engineering industry
- Power distribution design
- Electrical control panel design
- Renewable energy industry

Skills, Experience and Qualifications required for Job Role		
	Essential	Desirable
<b>Skills</b> <i>e.g.</i> Computer literacy Project Management Interpersonal	<ul style="list-style-type: none"> <li>• Self-starter and driven</li> <li>• Excellent organisational skills</li> <li>• IT Literate (MS Word, Excel, etc)</li> <li>• Excellent communication, reporting and presentation skills</li> <li>• Ability to work collaboratively in a multidisciplinary team</li> </ul>	<ul style="list-style-type: none"> <li>• Experience of computational data analysis using Python (or equivalent software package)</li> <li>• Experience using 2D CAD software (e.g. AutoCAD)</li> </ul>
<b>Job Related Experience</b> <i>e.g.</i> Number of years' experience required to do the role. Does the experience need to be industry specific		<ul style="list-style-type: none"> <li>• Knowledge of energy storage technologies (particularly lithium-ion based systems)</li> <li>• Knowledge of energy storage markets and key drivers</li> <li>• Knowledge of EV battery technologies</li> <li>• Knowledge of standards and regulation relevant to energy storage systems</li> </ul>
<b>Industry Qualifications</b> <i>e.g.</i> Professional Vocational, i.e. City and Guilds Educational (where appropriate)	<ul style="list-style-type: none"> <li>• Educated to degree level in a relevant engineering or technical discipline (e.g. STEM subjects)</li> </ul>	<ul style="list-style-type: none"> <li>• Post-graduate degree in a relevant discipline</li> </ul>



Additional Information	
<i>Immediate eligibility to work in the UK/EU.</i>	
<b>Driving Licence</b>	Yes (capable and willing to drive a car)
<b>Mobility</b>	Needs to be able to travel in line with role requirements and spend nights away from home when required. Internationally but mostly Europe.

Please send your CV and Covering letter to the email address [info@c-e-int.com](mailto:info@c-e-int.com) and state which Vacancy you are applying for.

FAO: Arek Porebski.

Unfortunately, due to the volume of applications we receive, we are not always able to contact everyone, however if you are invited for an interview, you will be contacted directly by the manager for the position.