

Custom Engineered Battery Packs & Power Systems

With design and manufacturing facilities in both the United Kingdom and the United States, Custom Power is a leading global manufacturer of custom-engineered and off-the-shelf battery packs, with a legacy stretching over 30 years. We have earned a reputation for designing and manufacturing highly reliable portable power solutions and battery packs for use in critical applications where energy demands are high, operating conditions are extreme and the cost of failure is significant.

Today, markets are demanding devices that are smaller and lighter, with improved energy provision and increased safety. Our battery capability and expertise enables users to extend operational boundaries. Using only the highest quality cells available and with a focus on safety, we provide reliable power solutions, inspiring customer confidence and trust, to a wide range of markets including energy, aerospace, medical, industrial OEM and defence/security.

Two dedicated centres of excellence

Our modern, 24,000ft² battery manufacturing facility in the UK and 36,000ft² site in the US utilise the latest technology and manufacturing techniques to ensure that every battery pack is delivered to the highest standards.

We hold ISO 9001, 14001 and 18001 accreditations and are authorised to transport lithium battery products worldwide. Driven by a team of accomplished experts who possess capabilities in battery consulting, engineering, quality, manufacturing and project management, we are uniquely positioned to partner with you to deliver your power solutions.



Leading cell partnerships

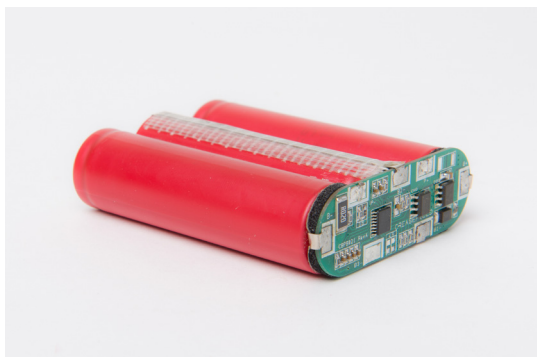
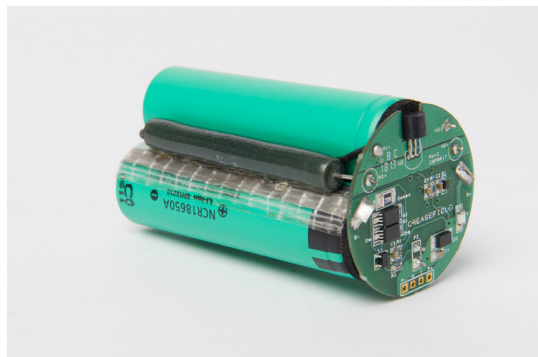
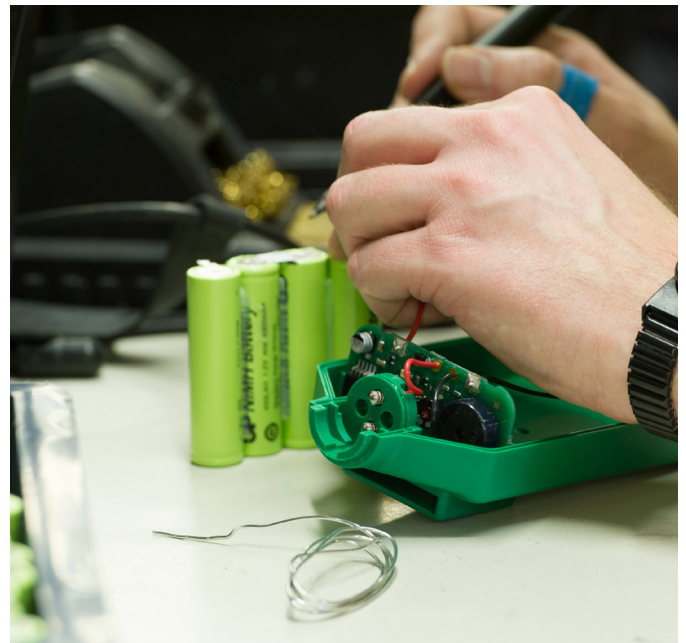
We closely manage our supplier relationships to ensure components meet or exceed your application requirements. We have long-standing partnerships with world-class cell manufacturers, providing us with access to the most advanced and industry-leading technologies available. Our independent and impartial advice during the design process enables the bespoke optimisation of your battery pack and application to maximise effectiveness and reliability.



Custom design and build

Our objective is to gain a detailed understanding of our customer's specifications, and then to design and build power systems that meet these requirements, verify and validate the requirements are met, and efficiently scale up our manufacturing processes to deliver on time, every time. Our experience and wealth of expertise enables us to demonstrate a proven track record of delivering projects on time and on budget.

At the heart of our business is our battery pack design and custom engineering capability which covers electrical design and safety, mechanical design, and application knowledge. Whether you require a rechargeable or primary battery pack, our vast experience of battery technology ensures that we are ideally positioned to help you identify the correct battery chemistry and configuration for your specific battery pack requirements.



Battery products

We offer all battery chemistries, specialising in lithium rechargeable and lithium primary battery packs. Our custom power systems are designed from the ground up including casings and electronic control systems. We serve a wide range of markets including medical, defence, instrumentation, measurement, personal protective equipment & safety devices, energy, and high temperature battery packs for downhole and pipeline inspection.

Our power solutions are found in the latest robotic and unmanned applications, offering outstanding energy density and power output over a wide range of conditions. This is made possible through the use of innovative design and advanced cell chemistry.

Support

We provide battery support throughout the life cycle of our products, from initial design, through qualification, manufacturing, managing distribution and transportation, and finally environmental disposal. Every step requires in-depth experience and compliance with relevant regulations to ensure total reliability.

When only the best will do

We continue to invest in facilities & resources to maintain our position at the forefront of custom battery manufacturing. Whether customising existing battery products or producing full custom designed battery packs, we have the capability to support you.

With Custom Power you can be confident of a professional, no compromise quality service, using the very latest battery technologies.

If you have a battery pack requirement contact us on **+44 (0)1460 980 100** or email **sales@custompower.co.uk**.

For more information regarding our battery solutions visit **www.custompower.co.uk**.

