



Batteries Capabilities

CUSTOM ENGINEERED BATTERY PACKS AND
POWER SYSTEMS



With design and production facilities in the UK and USA, Custom Power is a leading global provider of custom-engineered and off-the-shelf battery packs, with a legacy stretching over 40 years.

Two dedicated centres of excellence

Our modern 60,000ft² battery production facilities in the UK and USA utilise the latest technology and operational techniques to ensure that every battery pack is delivered to the highest standards.

We hold IECEx, ISO 9001, ISO 14001, ISO 45001 and AS9100 accreditations and are authorised to transport lithium battery products worldwide.



Reliable solutions for harsh environments

Driven by a team of experts with extensive capabilities in battery consulting, engineering, quality, manufacturing and project management, we have proven experience in designing battery solutions for harsh environments.

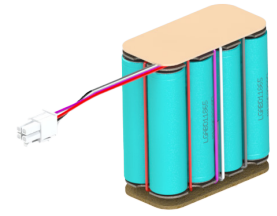
Leading cell partnerships

We have long-standing partnerships with world-class cell manufacturers, providing us with access to the most advanced and industry-leading technologies available.



Custom design and build

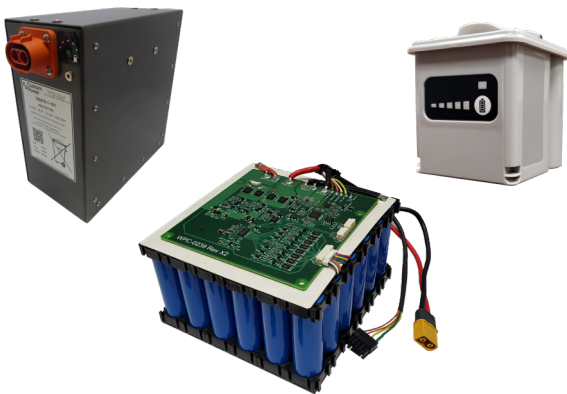
Our objective is to gain a detailed understanding of our customers' specifications and then design and build power systems that meet these requirements. We verify and validate that the requirements are met and efficiently scale up our assembly processes to deliver on time, every time.



Battery products

While specialising in Li-ion rechargeable and Li primary battery packs, we also have in-depth experience with other chemistries including Alkaline, SLA, LiFePO₄, LiPo, NiMH and NiCd plus BMS circuitry integration.

We have a range of reconfigurable and customisable standard products and offer bespoke custom power solutions designed specifically for our customers from the ground up including cell selection, enclosures and electronic control systems design and development.



Support

We provide battery support throughout the life cycle of our products, from initial design through qualification, production, managing distribution and transportation, and finally environmental disposal.

Every step requires in-depth experience and compliance with relevant regulations to ensure total reliability, safety, and environmental protection.

Markets served

Our core markets require extremely specialised power solutions and we have produced custom battery packs for many complex and sensitive projects, including robotics and automation applications, critical medical devices, unmanned military vehicles, transport, and the challenging temperature fluctuations experienced in the energy sector.



When only the best will do

We continue to invest in facilities and resources to maintain our position at the forefront of custom battery assembly.

Whether providing existing battery products or producing full custom designed battery packs, we have the capability to support you. If you have a battery pack requirement contact us on **+44 (0)1460 980100** or email sales@custompower.co.uk

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

