Customised Battery Solutions

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Selecting Your Customised Battery: Essential Considerations

The right battery choice is crucial for the success of any device.
Key considerations include:

1. **Early Engagement and Expertise:** Working with your battery manufacturer from the design's inception ensures seamless integration and prevents compromises. A supplier with extensive industry experience is invaluable.

2. **Battery Type:** Prioritise your device's requirements to choose the most suitable battery type.

3. **Battery Life:** Consider the battery's lifespan and recycling options in compliance with local regulations.

4. **Compliance and Quality Assurance:** Verify that the battery complies with market legislation standards and that your battery supplier holds or can support you with the necessary quality certifications.

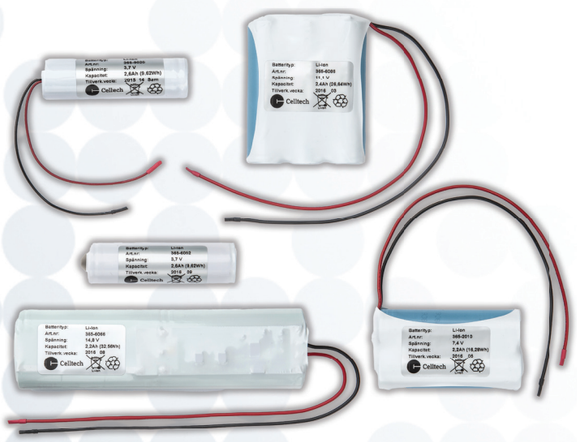
5. **Battery Safety**: Ensure the battery is designed with adequate safety features to safeguard both the device and end-users.

6. **Certification Support:** Look for supplier assistance with necessary tests and certifications.

7. **Time-to-Market:** Plan for lead times

8. **Sustainability:** Assess the environmental impact of your product and ensure that the battery complies with local legislation. Note that the EU Battery Regulations requirements fall on the company importing the battery into an EU country (even from another EU country). Therefore, it is easier to select a reliable local battery supplier.

9. **Post-Delivery Support:** Determine the level of support you will need after delivery.



Why choose Celltech?

Our vast network of suppliers and in-house production ensure the optimal solution for your application.

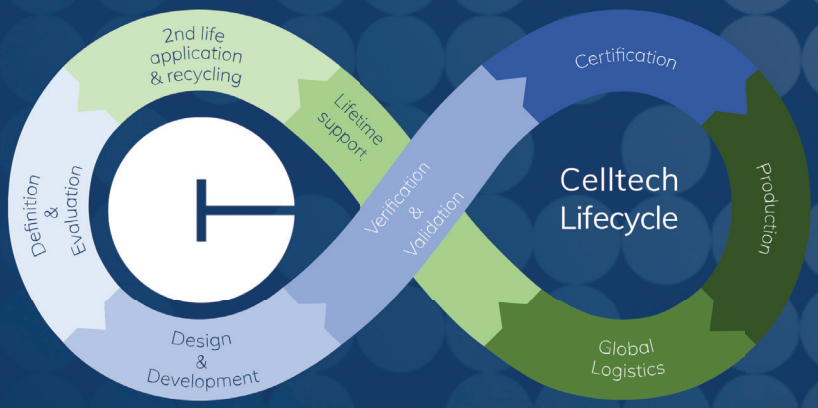
- ☑ **Quality Management Systems:** Our manufacturing plants are certified according to ISO9001, ISO45001, ISO 13485 and ISO14001.
- ☑ **Certified Sustainability:** To demonstrate our dedication to sustainability, two of our factories have EcoVadis Medals.
- ☑ **Extensive Testing:** We exceed standard testing requirements to ensure peak performance.
- ☑ **Supply Chain Management:** We emphasise a strong supply chain to ensure stable quality and timely delivery, prioritising manufacturers that use environmentally sustainable materials. We have reliable, audited cell and component suppliers with long partnerships.
- ☑ **Battery Design Expertise:** Our team designs comprehensive solutions, including advanced Battery Management Systems (BMS), tailored to the specific needs of each application.
- ☑ **Continuous Innovation:** Our commitment to exploring new chemistries and technologies drives us forward.
- ☑ **Scalability:** We have scalable manufacturing plants in Finland, Germany, Bulgaria, United Kingdom and China, with a total floor space of over 11,000 m^2.
- ☑ **Expertise:** We are experts in battery production, from the mass production of medical battery packs to specialised weather-resistant batteries.
- ☑ **Modern Technologies:** We use various advanced technologies in our manufacturing plants, e.g. laser-, resistance- and ultrasonic welding as well as wire bonding. Furthermore, we use a 100% computerised final check to guarantee consistent and high quality.
- ☑ **Celltech Lifecycle Approach:** At Celltech, we always consider the entire life-cycle of our battery solutions from design to recycling. Celltech Lifecycle is our operational model.

1984-2024 Celltech 40 ANNIVERSARY

About Celltech Group

Celltech Group is a global battery supplier and manufacturer of leading battery solutions with operations in nine countries, five R&D and production facilities, and more than four hundred employees. With the support of our extensive partner network, created over the 40 years we have been in the battery business, we provide value-added, high-quality, and competitive Celltech Lifecycle battery solutions with efficient logistics.

Celltech Group combines innovation with reliability, providing battery solutions that meet the evolving needs of industries worldwide. Our commitment to quality, compliance, and customer satisfaction ensures we deliver reliable products that power a wide range of devices, driving technological advancement. With Celltech, you gain a partner dedicated to excellence and innovation, ready to meet the challenges of powering tomorrow's technologies.



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