



# Congo Republic beyonder battery

What is Beyonder's hybrid battery cell technology?

Beyonder's hybrid battery cell technology is a more cost-effective and sustainable way to supply electric power for renewable energy grids, transportation and offshore energy infrastructure where high power and fast charging is needed.

What is Beyonder's BePowered cell?

Beyonder's BePowered cell is capable of delivering more than 90% of the energy you put in, even at 5C. At lower C rate this increases up to 96%! Why our BePowered Cell is beneficial for your industry?

What is Beyonder's 'BePowered'?

Exciting news from the Nordic battery industry. On 30 October 2023, Beyonder, a Norwegian cell development and manufacturing company, launched its first certified product "BePowered". It is a 31Ah (1C) lithium-ion pouch cell (detailed specifications found here), with more than 10,000 cycles, with 5C/5C charge and discharge capabilities.

What is Beyonder battery technology?

Beyonder is a battery technology company that has developed the next generation eco-friendly and energy efficient batteries. Produced with clean energy and energy-efficient methods, our batteries have the smallest environmental footprint possible.

Where are Beyonder batteries made?

Beyonder has established a battery centre with research and development, laboratories, production testing and prototype production in Stavanger, Norway. The company will open its first separate, full-scale commercial production facility at a suitable location in the Stavanger region in 2024.

Is Beyonder LiC a good battery?

Beyonder's LiC is durable and suitable even for the Nordic low-temperature environment. The LiC's high-capacity silicon anode provides a high specific energy. The use of a wood-derived activated carbon cathode enables the LiC to operate at higher specific power, with greater durability compared to Li-ion batteries.

Beyonder supplies BePowered battery products that offer excellent power properties with extended cycle life in addition to excellent thermal properties. Beyonder has developed eco-friendly and energy efficient batteries that can be fully charged in 12 minutes and recharged more than 10,000 times. This advanced technology aims to reduce the ...

Beyonder | 10,884 followers; LinkedIn. We develop and manufacture eco-friendly and high-capacity battery products for industrial use. | Beyonder is a leading battery technology company



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established in 2016 that develops sustainable and high-capacity battery solutions for the future. The company has developed, qualified and certified its own product, based on its proprietary ...

Rogaland-based company Beyonder has launched a commercial Li-ion battery designed for industrial applications. This battery technology offers a sustainable and efficient ...

Beyonder's innovative battery cell technology and business ideas in collaboration with Siemens industrial, energy and digital capabilities can be leveraged for a sustainable and cost-efficient production. Based on Norway's low cost and 100% renewable energy supply this is indeed a green production of clean battery cells" says Frank ...

Beyonder General Information Description. Developer of energy storage systems designed to provide sustainable battery cell technology. The company's products use sawdust converted into battery-grade carbon avoiding cobalt, nickel, and ...

Beyonder | 10.942 Follower:innen auf LinkedIn. We develop and manufacture eco-friendly and high-capacity battery products for industrial use ? | Beyonder is a leading battery technology company established in 2016 that develops sustainable and high-capacity battery solutions for the future. The company has developed, qualified and certified its own product, based on its ...

Beyonder's battery technology is produced using ecological materials such as renewable energy and sawdust. With its clever combination of a Li-ion cell and a Li-ion capacitor it perfectly suits many applicationsThe batteries are non ...

Beyonder's early innovation using sawdust technology established the company as a pioneer in sustainable battery development. While this is no longer the main focus, ...

Beyonder is an innovative Norwegian Energy Storage-Technology company, focused on high-capacity batteries for industrial use. We have a clear strategy and ambition to become one of the world's most sustainable high-capacity ...

A significant milestone in the HEROES project has been reached as all battery cells produced by Beyonder are being delivered to ElringKlinger. Read More Kommunikasjon Beyonder 4/18/23 Kommunikasjon Beyonder 4/18/23

Unfortunately, the Democratic Republic of Congo is pervaded by conflict, poverty and corruption. The country's economy is completely dependent on mining. Many poor families are completely ...

Beyonder's international battery adventure. Photo: Fredrik Refvem / Stavanger Aftenblad. Beyonder CEO Svein Kvernstuen explains more about the plans for an international battery adventure in Stavanger Aftenblad, June 16: "This is ...



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Beyonder and Bergen Carbon Solutions ("BCS") have signed a letter of intent (LOI) to establish a local value chain of green carbon for Beyonders BePowered product- and development work for next generation battery chemistries. - Securing local access to sustainable carbon materials for our batteries are important, and the BCS novel technology to develop a ...

Beyonder and the other Norwegian battery players have raised this concern several times in the past couple of years and have together decided to take an active role in solving the challenge. By working together with the whole battery value chain, we managed to create a national focus on how to address these issues.

Beyonder AS, a leading Norwegian supplier of advanced battery technology, has announced an offtake agreement for 76 MWh of its BePowered products through a ...

Stena Recycling and Beyonder have entered a circular partnership agreement for battery production waste from Beyonder`s research and pilot plant in Sandnes, Norway. The production waste will be managed at Stena Recycling`s new battery recycling facility in Halmstad, Sweden. The goal is to create a sustainable battery value chain that lays the ...

Beyonder AS, a Norwegian leading supplier of advanced battery technology, is proud to announce an offtake agreement of 76MWh of BePowered products. This milestone ...

Beyonder General Information Description. Developer of energy storage systems designed to provide sustainable battery cell technology. The company's products use sawdust converted into battery-grade carbon avoiding cobalt, nickel, and graphite starting with a high-power lithium fluorophosphate with fast charging, improved safety, and long cycle life providing attractive ...

Finally, Beyonder has found their Chief Technology Officer, and his name is Dr. Han Ho Lee. - This is a huge milestone for us, says Beyonder's talent acquisition director, Runar Austrheim. - The entire world is now competing for world champion battery experts like this, and this appointment is p

Beyonder, Sandnes, Nordland. 596 likes &#183; 16 were here. Beyonder is an energy storage technology company u000Bcreating eco-friendly and high performance u000Bbatteries for industrial use. We design and...

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Phone and electric car batteries are made with cobalt mined in the Democratic Republic of Congo. Cobalt Red author Siddharth Kara describes the conditions for workers as a &quot;horror show.&quot;



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The key features of Beyonder's Li-ion battery include fast charging, exceptional longevity, and sustainable chemistry. With a full charge or discharge time of 10-12 minutes, the battery ensures swift access to energy. Its lifespan of over 10,000 cycles outperforms conventional batteries, promising durability and reliability. ...

MBF Member, Beyonder, a leader in sustainable energy solutions, is proud to announce the launch of their groundbreaking first Norwegian proprietary commercial Li-ion battery technology, designed for inter alia grid stabilization, renewable energy integration, maritime and Uninterruptible Power Supply (UPS) applications in the global market.

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