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## **Beyonder batteries Cabo Verde**

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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 battery cell technology company, increasing the use of renewable energy in industrial applications world-wide.

Beyonder's high-capacity battery technology enables electrification of industries and societies. High-capacity batteries from Beyonder is presenting a solution where current existing batteries come short with regards to installation footprint, cost, sustainability, power density, safety.

The Cabo Verde Ministry Of Industry, Commerce And Energy has begun a search for developers for battery energy storage systems (Bess) on the islands of Sã0 Vicente and Boa Vista.

BePowered is Beyonder´s next generation of eco-friendly and high-capacity battery cell. These cells offer more than 10K cycles using 5C continuous charge/ discharge with 70% or more remaining capacity. With its wide depth of discharge (DoD) it allows utilization of the entire energy stored in the cell.

Beyonder were founded with a vision to develop sustainable batteries optimized for industry and heavy transport. Exploring forest residues like sawdust as a raw material for battery-grade carbon, founder Svein Kvernstuen and his early team sought to differentiate from mass-market lithium-ion batteries used in consumer electronics and private ...

On 30 October 2023, Beyonder, a Norwegian cell development and manufacturing company, launched it's 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.

Beyonder has created the next generation eco-friendly and energy efficient batteries. Our battery technology is

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produced using ecological materials such as renewable energy and sawdust. The batteries are non-flammable and can be fully charged in two minutes and recharged up to 100 000 times, thus reducing the need for frequent replacement of ...

Beyonder's technology exploits the strength of Li-ion batteries and capacitors on cell level in a hybrid battery cell. This provides a faster charge and higher power density than Li-ion batteries, and a significantly higher energy density than capacitors.

Web: https://gennergyps.co.za