



HPB and ZNL Energy sign test agreement

- ZNL Energy will equip HPB with test material of their non-porous ZNL-NP_x separator.
- ZNL Energy's separator could simplify handling in series production due to its unique properties and structure.

High Performance Battery Technology GmbH and ZNL Energy AS have signed a test agreement for ZNL Energy's innovative ZNL-NP_x separator to further improve the series production of the HPB Solid-State Battery.

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HPB partners with ZNL Energy to test their groundbreaking ZNL-NP_x separator for the first time in solid-state batteries environment. ZNL Energy's separator for lithium-ion batteries restricts electrolyte transfer while allowing ionic transportation. In lithium-ion batteries with liquid electrolytes, this results in enormous potential to further increase the safety and performance of these batteries. With regard to the HPB Solid-State Battery, the ZNL-NP_x separator could simplify handling in series production due to its unique properties and structure. The collaboration of HPB and ZNL aims to proof the synergies of two complimentary innovations.

ZNL Energy CEO Benjamin Ferstad said: "Collaboration with industry players in the emerging solid-state sector is a very interesting focus area, as the use cases for batteries can be extended

beyond current applications. We find HPB particularly interesting due to their forward thinking on sustainability and reliability, which aligns very much with the goals of ZNL to advance the industry for a better tomorrow through clever use of technology and resources.”

HPB CEO Dr. Sebastian Heinz: “We are delighted to have found a partner in ZNL Energy that has not only developed an innovative separator, but is also pursuing the same goals for a safer and more sustainable future.”

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About ZNL Energy

ZNL Energy, based in Bergen/Norway, is a technology provider for battery cell manufacturers. The technology portfolio includes the disruptive ZNL-NP_x separator for lithium-ion batteries. Learn more about ZNL Energy on: www.znlenergy.com

About HPB

High Performance Battery Technology GmbH is a young company specialising in the research and development of a new generation of batteries with outstanding properties. The HPB Solid-State Battery is characterised by its non-flammability, extreme durability and significantly improved environmental properties – and is already ready for series production thanks to an innovative production process. HPB cooperates with renowned European plant engineering companies for industrial production.

High Performance Battery Technology GmbH, based in Bonn/DE, is a wholly owned subsidiary of High Performance Battery Holding AG, based in Teufen/CH, which is responsible for financing the research work: highperformancebattery.ch