

What makes basquevolt a leader in solid-state batteries?

Thanks to its technological expertise, BASQUEVOLT aims to become the European leader in solid-state batteries.

What is basquevolt?

BASQUEVOLT. BASQUEVOLT aims to become the European leader in the next generation of solid-state lithium batteries. Our technology will make possible the mass deployment of electric transportation, stationary energy storage and advanced portable devices.

Will Basque volt become a European benchmark for solid-state batteries?

After two years of intense and highly confidential work, BASQUEVOLT now represents a reality that will make the Basque Country a European benchmark in the development of solid-state batteries.

What is Basque volt?

BASQUEVOLT, the Basque solid-state battery initiative, will begin production of battery cells in 2027 with the aim of reaching a capacity of 10GWh.

How can basquevolt battery cells reduce battery pack costs?

while significantly reducing overall battery pack costs. BASQUEVOLT battery cells can be produced through a more efficient less complex process, creating a 30% reduction in the capital investment needed per GWh in a gigafactory and 30% less energy

What technologies will basquevolt develop?

Basquevolt will initially develop technologies that include the patented polymer electrolyte compound and an anode with a high silicon content, which will help solve some of the challenges of solid-state batteries. The technologies to be applied by 10 CIC energiGUNE patents that have been licensed to Basquevolt as part of the launch.

BASQUEVOLT, the Basque solid-state battery initiative, will begin production of battery cells in 2027 with the aim of reaching a capacity of 10GWh. This is one of the main objectives set out in the BASQUEVOLT's articles of association, in which the Basque Government, Iberdrola, CIE Automotive, Enag&#225;s, EIT InnoEnergy, and CIC energiGUNE ...

?:Iberdrola?CIE Automotive?Enag&#225;s?EIT InnoEnergy?CIC energiGUNE????????????Basquevolt??,???????????? ?? ? ????2025????????????,????7???,???2027????? ...

??,????????????Basquevolt??,?????????"A?????"????????20Ah??,????????????80Ah??? ??,????2023????????,? ...

Basquevolt has reported new strides in its solid-state battery journey. In just nine months, they've progressed from assembling 1Ah cells to now 20Ah cells. They said this is a key step towards its plan to create solid-state cells with an energy density of over 450Wh/kg, approximately 50% more than the leading batteries currently available.

BASQUEVOLT - officially launched on 10 June 2022 - is a company committed to developing sustainable, safer, and competitive solid-state battery technology with the best resources and cells for electric vehicles, ...

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BASQUEVOLT launches its "Cell Sample Manufacturing Plant (A-Sample)" for next generation batteries. This "A- Sample Line" has managed to produce the first 20Ah cells and is expected to be able to manufacture 80Ah cells by the end of this year.

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BASQUEVOLT - officially launched on 10 June 2022 - is a company committed to developing sustainable, safer, and competitive solid-state battery technology with the best resources and cells for electric vehicles, heavy transport, renewable energy, stationary energy storage (including hybridisation with hydrogen-gas systems), advanced ...

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