

# **Western Europe makes lithium battery packs at home**





## Overview

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Can Europe build a competitive battery cell production landscape?

Despite these challenges, Europe has the potential to build a competitive battery cell production landscape. According to CRU, Europe can close the gap with China through automation, lower electricity costs, reduced lithium prices, and production optimization. It won't be easy, but it is possible.

Does Europe need a battery supply chain?

With rising demand for electric vehicles (EVs) and renewable energy storage, Europe has made efforts to build its own supply chain for battery production, but the continent has long been dependent on global suppliers – particularly those in Asia – for key battery components.

What is the future of lithium batteries in Europe?

As concerns about climate change and environmental sustainability have gained prominence, the battery industry's evolution towards cleaner and more efficient energy storage solutions has become pivotal. Let's dive into the significance of lithium batteries, their technological advancements, and the state of the industry in Europe as of 2023.

How are European lithium battery manufacturers navigating a complex landscape?

Overall, European lithium battery manufacturers are navigating a complex landscape, striving to localize production, ensure sustainability, and mitigate geopolitical risks to foster a resilient and competitive battery industry.

Is Europe achieving self-sufficiency in lithium batteries & EVs?

While North America is making strides, with substantial investments aimed at achieving self-sufficiency in lithium batteries and EVs, Europe has yet to reach a comparable level. Despite this, Europe is gaining momentum, with several prototype and full-scale battery plants underway.



How does Europe support the battery industry?

As a result, Europe is working to strengthen its supply chains by ramping up local battery cell production. European governments and the European Union are also playing a key role in this growth. They are offering policies and financial incentives to support the battery industry.



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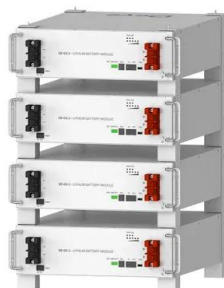
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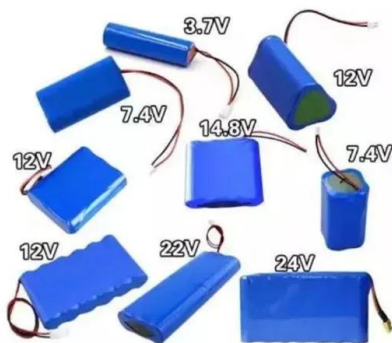
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