

Cabinet volume utilization rate of Portugal lithium battery site





Overview

Can Portugal become a reference in the lithium supply chain?

Although Portugal got off on the wrong foot in the lithium race, ANP|WWF believes that it is still possible for the country and the rest of Europe to become a reference in the lithium supply chain worldwide.

Will Portugal create a lithium & battery manufacturing industry?

In the era of decarbonisation of world economies, Portugal intends to create a lithium and battery manufacturing industry in the border areas between Portugal and Spain, in order to meet the growing demand for batteries for electric vehicles.

Should Portugal produce battery-grade Li-compounds?

Therefore, the production of battery-grade Li-compounds in Portugal would aid the EU in lessening its dependence on external sources for this strategic metal, assisting as well in increasing the domestic supply of raw materials for battery manufacturing. Portugal has been the sole European lithium producer since 2011 (USGS 2024).

Why should Portugal invest in a battery factory?

“Our factory will not only create new jobs but will also place Portugal at the forefront of the production of batteries for electric vehicles in Europe,” he highlights. According to CALB, “this strategic investment” aims to “reinforce its presence in the European market for electric vehicles (EV) and energy storage systems (BESS)”.

How much lithium does Portugal have?

Portugal has noteworthy lithium (Li) resources (306 thousand tonnes – kt) that should be suitably assessed to realistically support an expected expansion of known reserves (ca. 53 kt Li), as reported in several studies (e.g. Dinis and Horgan 2018; Filipe et al. 2010).



Is Portugal a key player in the global battery value chain?

Portugal has taken monumental steps in establishing itself as a key player in the global battery value chain. Five major initiatives have been announced recently, marking a transformative moment for the nation's green energy ambitions. Here's a roundup of the latest developments:



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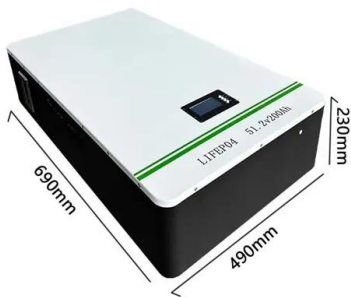
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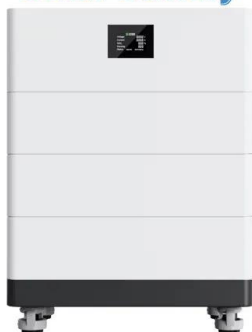
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[Competitiveness of Portuguese Lithium](#)

However, according to current investments foreseen in the battery value chain in the EU, Portugal only appears identified at the level of exploration and processing of Li and not in the ...

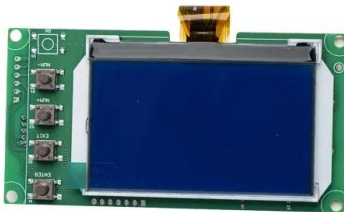
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[Full article: Lithium resources and electric mobility in Portugal](#)

The critical question addressed here is whether Portugal's Li reserves are sufficient to meet the Li demand for its electric mobility transition and to determine Portugal's potential ...

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[Mega Chinese lithium battery factory in Sines at risk](#)

The project by Chinese group CALB to build a mega lithium battery factory in Sines, which could represent 4% of Portuguese GDP in 2028, is being reconsidered, reports Jornal ...

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LITHIUM AND BATTERIES SUPPLY CHAIN IN PORTUGAL

Although Portugal got off on the wrong foot in the lithium race, ANP, WWF believes that it is still possible for the country and the rest of Europe to become a reference in the lithium supply ...

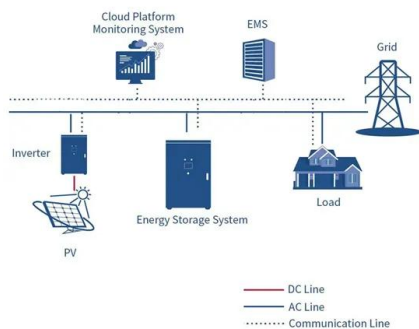
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Lithium ion energy storage system Portugal

Galp and Northvolt have selected the port city of Setúbal as the location for their Aurora lithium conversion plant, which aims to become a steppingstone for the development of an ...

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Study on the Profit Model of Power Battery Enterprises

The company pioneered CTP technology, integrating the battery cells into the battery pack, simplifying the battery module structure, and increasing the battery's guaranteed volume ...

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LITHIUM AND BATTERIES SUPPLY CHAIN IN PORTUGAL

However, according to current investments foreseen in the battery value chain in the EU, Portugal only appears identified at the level of exploration and processing of Li and not in the ...

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[CALB to Invest \\$2.09 Billion in Portugal Gigafactory for EV Batteries](#)

CALB invests \$2.09 billion in a gigafactory in Sines, Portugal, to produce 15 GWh of lithium batteries annually by 2028. This project strengthens Europe's EV battery supply ...

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[Portugal's Battery Value Chain Accelerates with Five Game ...](#)

With plans to begin production of Europe's largest lithium spodumene resource by 2027, the project is gaining momentum. Currently, a team of 50--mostly local workers--is ...

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[Top 10 Battery Manufacturers In Portugal](#)

In the battery technology industry, Portugal has the potential for further growth in the future, especially in the field of lithium-ion batteries and energy storage. Portugal is one of ...

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[Energy Storage Sites in Portugal and Spain: Powering the Future ...](#)

Portugal and Spain are racing to build energy storage sites - and they're doing it with the urgency of someone who just discovered their phone battery is at 1%.

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[Portugal Lithium Ion Battery Market \(2024-2030\)
, Trends, ...](#)

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