

SolarInvert Energy Solutions

Huawei France Lithium Energy Storage Power Supply



Overview

A battery energy storage system for Uninterruptible Power Supplies (UPSs), the SmartLi Solution offers a long lifespan in a compact, space saving design, for a safe, reliable power supply that's easier to maintain. Why is France upping lithium production?

After years of deindustrialisation, France is upping lithium production to support battery manufacturing and the green transition. An employee at a lithium plant belonging to French industrial minerals company Imerys, in Echassierres, central France. Credit: OLIVIER CHASSIGNOLE/AFP via Getty Images.

What is France's largest lithium project?

One of the country's largest lithium projects, EMILI, is being developed by French multinational Imerys. The project in Beauvoir, central France, where lithium was first detected in the 1960s, hopes to produce enough lithium per year, over 25 years, to power 700,000 EVs.

Why are the EU and France lurching towards lithium?

The EU's and France's lurch towards lithium is, of course, not just intended to support, and profit, from the energy transition but to buffer an overreliance – and a dominance of future industry – by China, which the US recently accused of “flooding” the market to drive out rivals.

How many EVs can a lithium project power?

The project in Beauvoir, central France, where lithium was first detected in the 1960s, hopes to produce enough lithium per year, over 25 years, to power 700,000 EVs. Production is due to start in 2028, with the project currently undergoing a public consultation. Other miners are focused on extracting lithium from underground geothermal brines.

Which countries have the most lithium reserves in the world?

China also has 10% of global lithium reserves compared with Europe's 1.2%. Bolivia, which is estimated to have half the world's lithium reserves, just signed a \$1bn (\$6.91bn) deal with China's CBC, a subsidiary of the world's largest lithium battery producer, CATL, to build two lithium carbonate production plants in the south-west of the country.

Will new lithium projects defy the current price downturn?

A scattering of new lithium projects are hoping to defy the current price downturn – lithium carbonate prices have fallen by more than 80% throughout 2023 and into 2024 – to provide two-thirds of France's needs for electric-vehicle (EV) batteries by 2035.

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