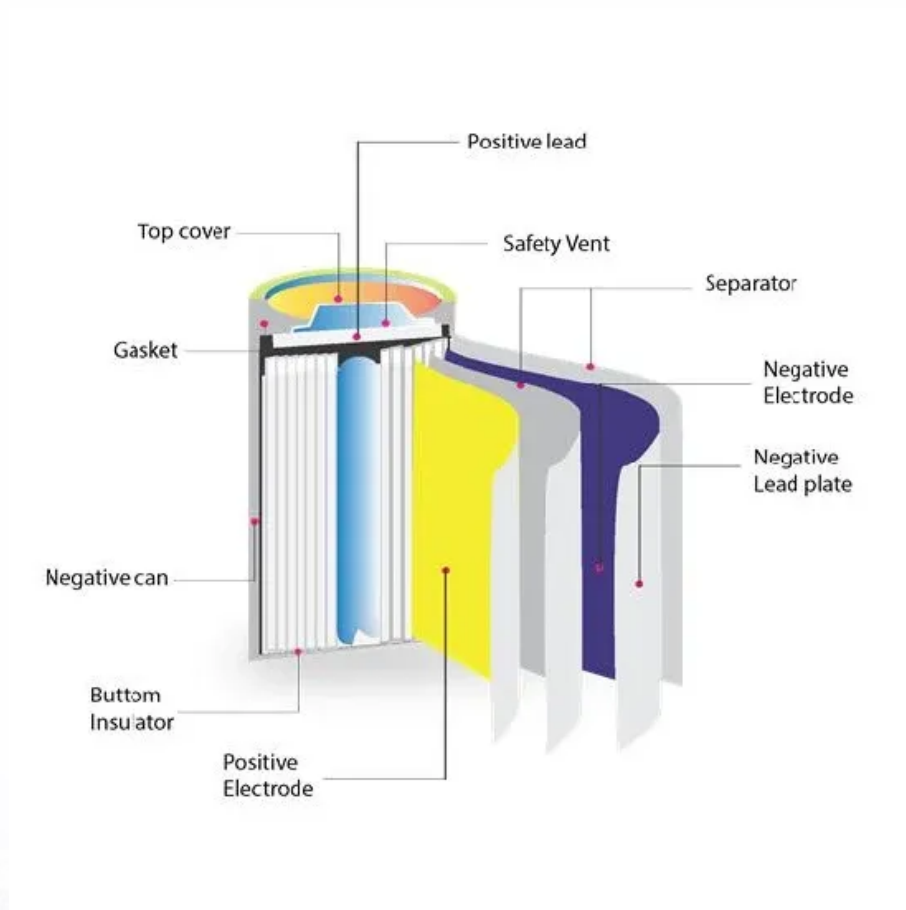


Energy storage batteries overseas





Overview

InfoLink provides an analysis of the regional distribution, construction progress, and expansion trends of overseas energy storage cell capacity. Is the EU a single market for battery energy storage?

"It is all organised on a national level, which means that the EU is not actually a single market as it's meant to be for battery energy storage systems. And that's one of the reasons that big deployments are going a bit slower than they should be."

Why are Japanese companies investing in battery energy storage systems?

Sign up here. That is creating surging interest in battery energy storage systems (BESS) to smooth mismatches in supply and demand. Since December 2023, companies have announced investments of at least \$2.6 billion in Japanese battery storage projects, according to calculations by Reuters.

How much battery storage does the EU need?

While there's currently around 75 gigawatt-hours of battery storage installed in the EU, he says that needs to rise to around 750 by 2030. Robert Dryfe, professor of physical chemistry at the University of Manchester, says there are alternatives to battery storage.

Should we increase battery deployments in the EU?

"For the moment, in the European Union, what we are looking at is that we should increase battery deployments by a factor of 10," says Driese Acke, deputy chief executive of SolarPower Europe. While there's currently around 75 gigawatt-hours of battery storage installed in the EU, he says that needs to rise to around 750 by 2030.

Where are solar batteries stored?

The batteries are stored, thousands together, in large metal boxes. Such



facilities are increasingly springing up all over the world, with 1.9 gigawatt-hours installed in Europe last year alone, according to industry group SolarPower Europe. That's enough to power some 4,000 homes. And there's a need for a great many more.

Is battery storage a bad policy?

"Simply put, it is not just a bad policy, but a dangerous one, and the city is literally playing with fire by allowing this to happen." Holden is talking about proposals to build more battery energy storage system (Bess) centres - large-scale power storage sites based on the same lithium-ion batteries that are used in laptops and electric cars.



Energy storage batteries overseas



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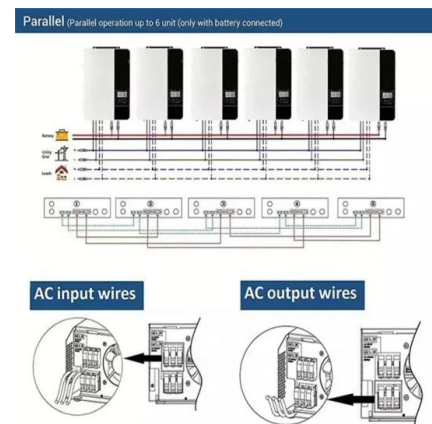
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