

# **Lithium-ion batteries are a way to store energy**





## Lithium-ion batteries are a way to store energy

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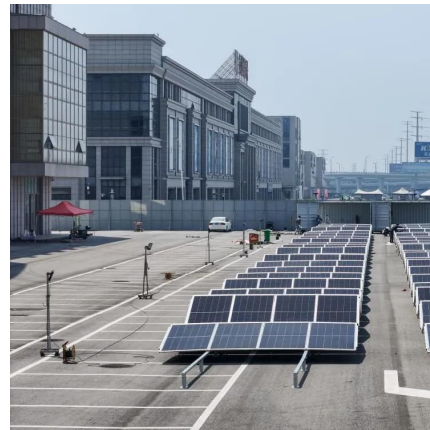
Why we must leverage technical innovation, public-private partnerships, existing infrastructure and skilled labour to optimize battery production globally.

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Around 60% of identified lithium is found in Latin America, with Bolivia, Argentina and Chile making up the 'lithium triangle'. Demand for lithium is predicted to grow 40-fold in the ...

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The shift to electric vehicles and renewable energy means the demand for lithium ion batteries and the metals they are made from is set to increase rapidly. But at what cost?

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Lithium is a lightweight metal used in the cathodes of lithium-ion batteries, which power electric vehicles. The need for lithium has increased significantly due to the growing ...

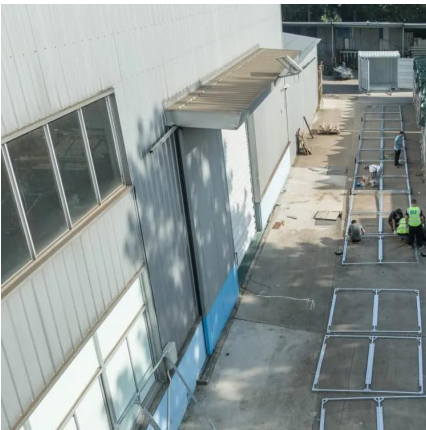
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The main difference is the energy density. You can put more energy into a lithium-ion battery than lead acid batteries, and they last much longer. That's why lithium-ion batteries ...

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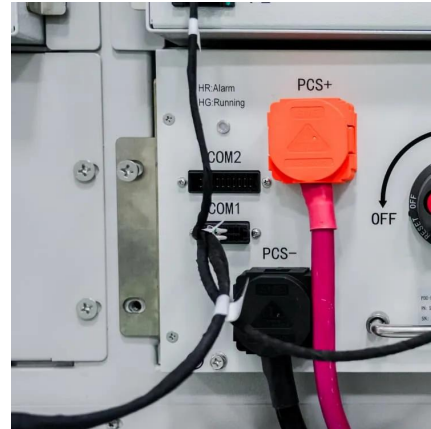


[How innovation will jumpstart lithium battery recycling](#)



Too many lithium-ion batteries are not recycled, wasting valuable materials that could make electric vehicles more sustainable and affordable. There is strong potential for the ...

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