



BUHLE POWER

Sydney Australia reduces holdings of energy storage lithium batteries





Overview

How much lithium-ion battery waste does Australia produce a year?

Australia produces around 3,300 tonnes of lithium-ion battery waste each year. We need to tackle this growing issue to keep valuable battery metals and materials from landfill. The market for energy storage and lithium batteries is rapidly rising in Australia and globally. But as the demand increases so to does the waste.

Will Australia see a massive increase in battery energy storage capacity?

ShareTranslate Australia: The 2025 NEM Battery Energy Storage Pipeline Report Australia's NEM will see a massive increase in grid-scale battery energy storage capacity in the next three years. There are 16.8 GW of battery projects that could come online in the National Electricity Market(NEM) by the end of 2027.

Why are lithium-ion batteries so popular in Australia?

Electric vehicles and large stationary electrical energy storage are major contributors with the latter taking off rapidly in Australia. Lithium-ion batteries are a source of many valuable materials. If recycled, potentially 95% of battery components can be recovered for alternative use or may even be turned into new batteries.

Could Australia become a world leader in lithium battery recycling?

The 2020 report built on a 2018 study Lithium battery recycling in Australia to address growing demand for lithium-ion technology, currently used in vast quantities in electronic and household devices. The 2018 report indicates that Australia could become a world leader in the re-use and recycling of lithium-ion batteries.



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Australia has a massive pipeline of grid-scale battery energy storage projects. 16.5 GW of new battery projects could arrive in the NEM in the next 3 years.



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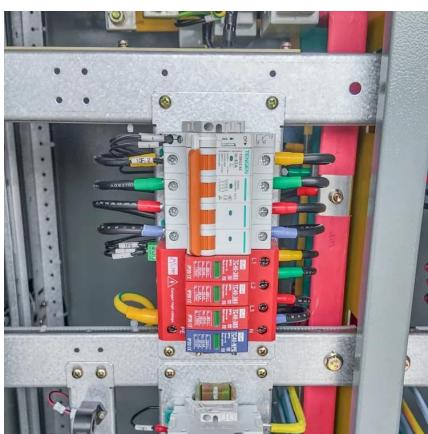
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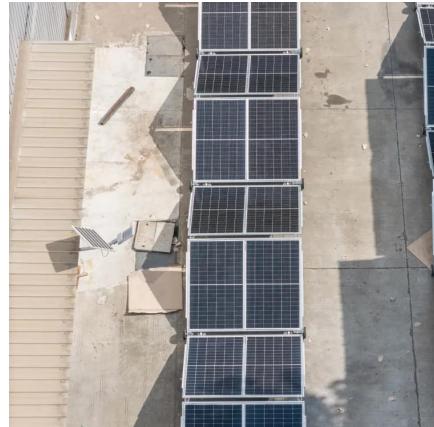
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Beyond lithium: The Next Frontier in Energy Storage , Lockton

Nov 11, 2025 · Lithium-ion batteries (LIBs) have underpinned the growth of grid-connected energy storage for more than a decade. However, as Australia accelerates its renewable generation ...

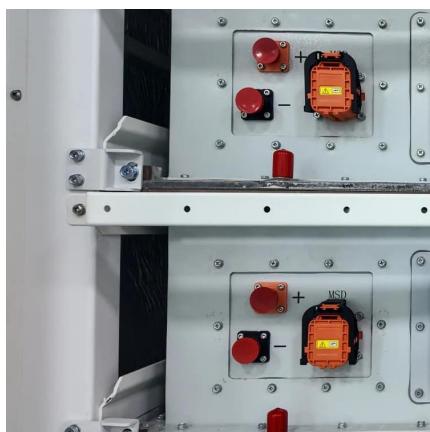


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