

# **Mongolia lithium energy storage power supply customization**





## Overview

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How much power does Mongolia have?

As of end 2021, Mongolia had 1,549 megawatts (MW) of installed power generation capacity. The country's energy mix included coal-fired combined heat and power (CHP) plants totaling 1,269 MW (81.9%), renewable energy sources totaling 271.2 MW (17.5%), and diesel power sources totaling 8.6 MW (0.6%).

How to dispose of used Li-ion batteries in Mongolia?

But the preferred option for used Li-ion batteries is recycling or disposal. In Mongolia, Li-ion batteries are classified as hazardous. As appropriate recycling facilities are not available in many developing countries, battery suppliers tend to be responsible for the recycling or disposal of battery cells.

What factors determine the power capacity of Mongolia's Bess?

The determination of the power capacity of Mongolia's BESS was based on two factors: the required regulation reserve for accommodating additional VRE to the CES, and the required standby reserve in case of any grid event.  
Regulation reserve.

Does Mongolia need a Bess to achieve its decarbonization target?

Mongolia's heavily coal-dependent energy sector needs a BESS to achieve its decarbonization target. Coal-dependent energy system. As of end 2021, Mongolia had 1,549 megawatts (MW) of installed power generation capacity.



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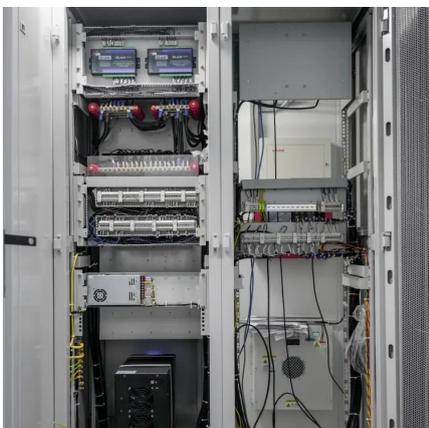
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