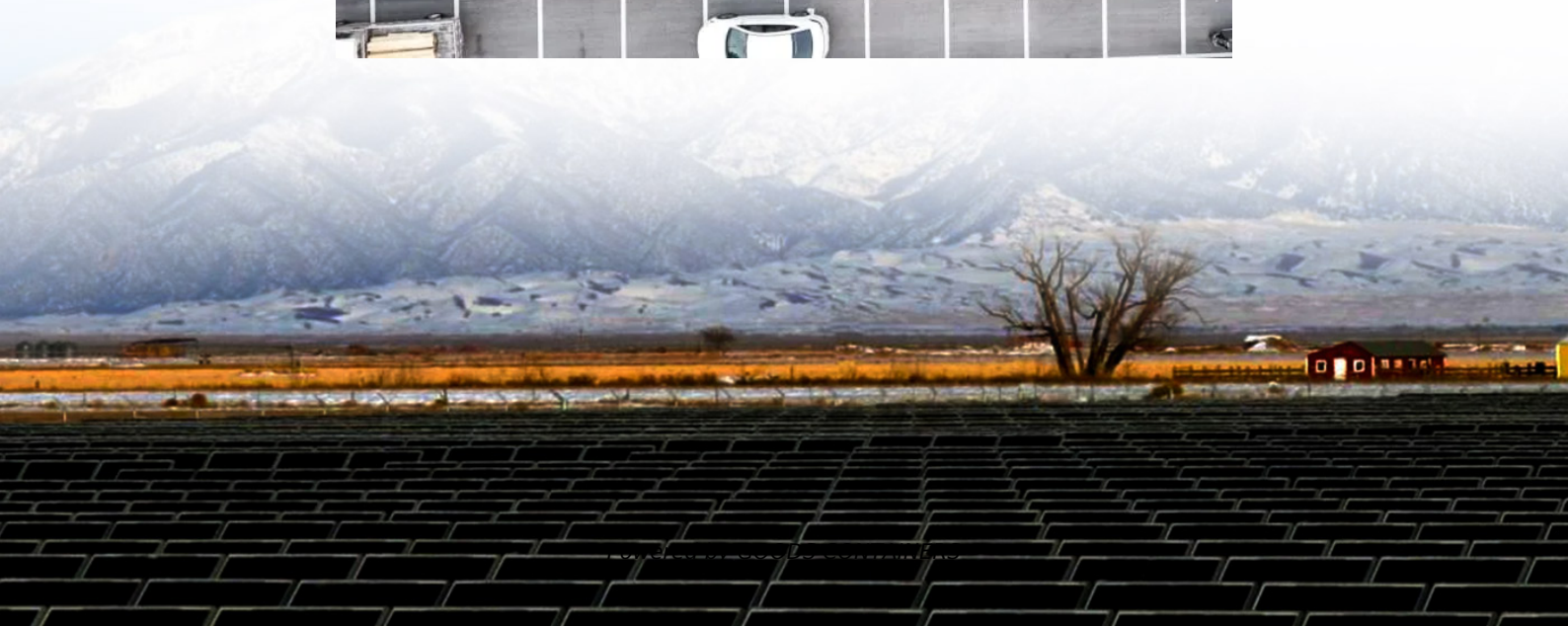
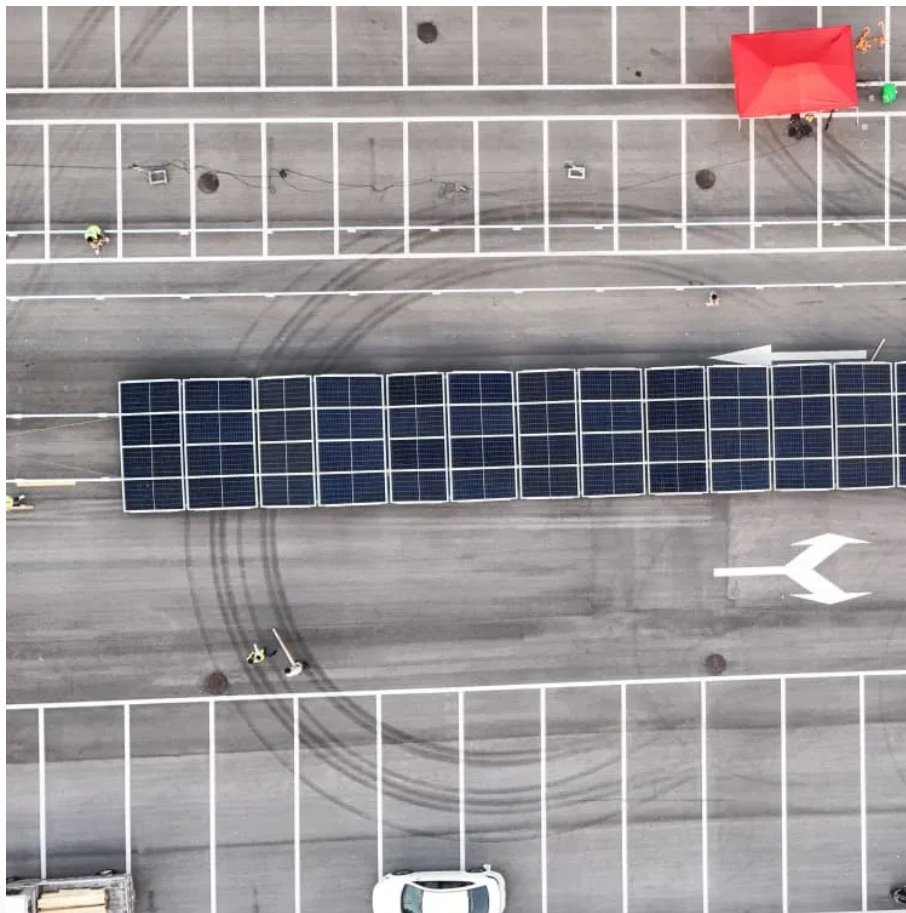


# **Berlin Energy Storage Module Equipment Production**





## Overview

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Are battery energy storage systems the future of energy supply?

Battery energy storage systems are evolving from a niche product to a key technology for the future of energy supply. Flexibility, scalability, and the continuous optimization of production technologies play a crucial role in this transformation. The fluctuating availability of renewable energy presents significant challenges for the power grid.

What are the functions of CATL lithium-ion battery energy storage system?

The functions of CATL's lithium-ion battery energy storage system include capacity increasing and expansion, backup power supply, etc. It can adopt more renewable energy in power transmission and distribution in order to ensure the safe, stable, efficient and low-cost operation of the power grid.

How big will Germany's battery storage capacity be by 2045?

According to a study by Frontier Economics, the capacity of large-scale battery storage in Germany could increase more than tenfold by 2030, reaching a total capacity of 15 gigawatts. The Federal Network Agency's Grid Development Plan (NEP) anticipates an installed BESS capacity of 36 gigawatts by 2045.



## Berlin Energy Storage Module Equipment Production

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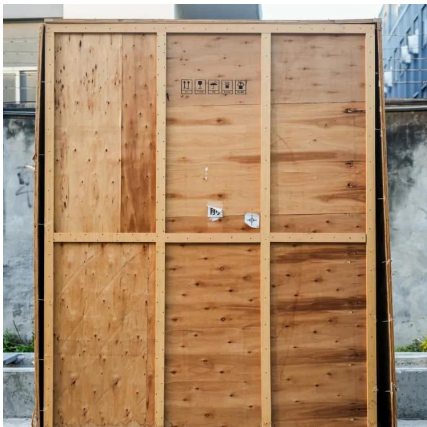
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