

## SolarTech Power Solutions

# The role of Israeli lithium battery packs



## Overview

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Electric cars offer a green solution but come with batteries packed with toxic materials; a new lithium battery recycling plant in southern Israel aims to address this problem.

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Electric cars offer a green solution but come with batteries packed with toxic materials; a new lithium battery recycling plant in southern Israel aims to address this problem Tomer Aharon, chief operating officer of Batte-Re, with the black powder that is created at the end of the lithium battery.

Electric cars may solve the problem of carbon emissions, but they will also create another burden on the planet: toxic lithium batteries. Israel does not yet require sustainable disposal of these batteries, but with the increase in the number of electric vehicles on the road, electric car battery.

The new plant, officially called the Gigafactory Berlin-Brandenburg, is producing the Model Y as well as electric car batteries. (Photo by Christian Marquardt/Getty Images) . More This is one in a series about the Israeli ClimateTech innovation ecosystem. Please read the introductory article to.

Battle-Re is an Israeli company that has been working since its inception on developing permanent solutions in refining and recycling systems, especially in the fields of lithium-ion batteries, electronic waste, catalytic converters, spent catalysts, jewelry scrap and mining. The company recently.

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Israel's Batte-Re receives used Li-ion batteries from electric vehicles (cars, buses, scooters etc.) and processes them to generate a valuable (nickel, manganese, cobalt, and lithium) powder, plus copper and aluminum. All the metals are sold, and the powder makes more batteries for electric cars.

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