



BUHLE POWER

Battery cabinet group innovation technology





Overview

Which companies are transforming the battery industry?

Here are the top 10 companies powering this transformation today. 1. QuantumScape (USA) – Solid-State Battery Innovation QuantumScape is at the forefront of lithium-metal solid-state batteries, focusing on next-gen ceramic separators that enable faster charging, ultra-high energy density, and near-zero dendrite formation.

Who makes EV batteries?

Northvolt produces high-performance EV batteries using 100% renewable energy. Their gigafactory claims to be proud of its low CO₂ footprint, high-purity, low impurities in battery chemicals—servicing EU markets and OEMs. 9. Natron Energy (USA) – Sodium-Ion for Grid.

Which companies recycle batteries?

Founded by Tesla Co-founder JB Straubel, Redwood recovers ~98% of battery materials from scrap and repurposes them into cathode materials—boasting 70%+ Li-ion recycling in North America. 6. Attero Recycling (India) – Hydrometallurgical Innovation.

Which lithium-iron-phosphate batteries are best for PHEV & EV solutions?

CATL remains dominant in high-performance lithium-iron-phosphate (LFP) cells for PHEV and EV solutions. They have surpassed 600 Wh/L of energy density, extending ranges for lower costs. 8. Northvolt (Sweden) – Sustainable Lithium-Ion Northvolt produces high-performance EV batteries using 100% renewable energy.



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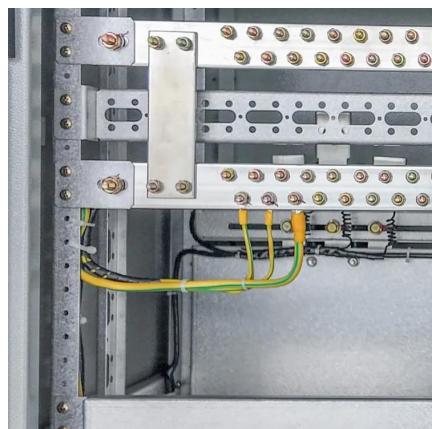
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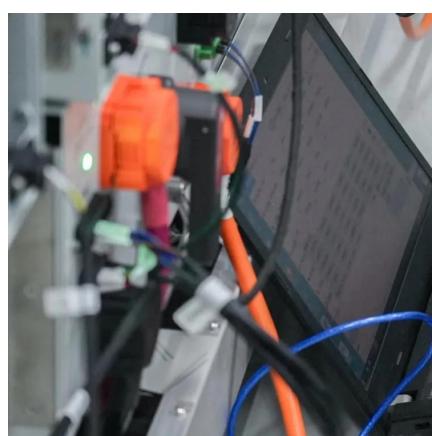
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