

## Kongres Container

# Battery Cabinet Cell Price Trend



## Overview

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In October, the sodium-ion battery industry chain entered a phase of adjustment, presenting a complex picture of "weakening material segment MoM and steady progress in the battery cell segment." Cathode materials faced short-term pressure due to inventory digestion and system compatibility issues.

The Battery Cost Index (BCI) is a monthly report that provides detailed insights into the cost structure of various commercial Lithium-ion cells from January 2020 to the present. Each cell's cost is meticulously modelled based on its unique Bill of Materials (BoM), incorporating a combination of

This report is available at no cost from NREL at Cole, Wesley, Vignesh Ramasamy, and Merve Turan. 2025. Cost Projections for Utility-Scale Battery Storage: 2025 Update. Golden, CO: National Renewable Energy Laboratory. NREL/TP-6A40-93281.

Lithium-ion (Li-ion) EV battery prices have decreased dramatically over the past few years, mainly due to the fall in prices of critical battery metals: Lithium, cobalt and nickel. For example, the price of cobalt has fallen from roughly \$70,000 per metric ton in 2022 to about \$30,000 in 2024.

Battery Cell Capacity Cabinet by Application (Electric Vehicle, Energy Storage System, Battery Production and R&D, Other), by Types (Cylindrical Battery Cell Capacity Cabinet, Aluminum Shell Battery Cell Capacity Cabinet, Polymer Battery Cell Capacity Cabinet, Others), by North America (United

In 2024, the average global prices of lithium-ion batteries dropped by 20%,

reaching \$115 per kWh. For electric vehicle batteries, the price fell below \$100 per kWh Why Are Lithium Battery Prices Falling?

In 2024, the prices of lithium-ion battery cells have experienced a sharp decline, reaching.

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