

## **Romania Rechargeable Battery - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)**

Market Report | 2025-04-28 | 150 pages | Mordor Intelligence

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### **Report description:**

The Romania Rechargeable Battery Market size is estimated at USD 0.98 billion in 2025, and is expected to reach USD 1.68 billion by 2030, at a CAGR of 11.37% during the forecast period (2025-2030).

#### Key Highlights

- Over the medium term, factors like the surging demand for consumer electronics and the growing adoption of renewable energy sources are poised to be key drivers for Romania's rechargeable battery market in the coming years.
- Conversely, high supply chain constraints in battery procurement present a challenge to Romania's rechargeable battery market.
- However, ongoing advancements in energy density, charging cycles, and energy retention are yielding more efficient rechargeable batteries, paving the way for numerous opportunities in the market's future.

#### Romania Rechargeable Battery Market Trends

##### Industrial Batteries Sector to Witness Growth

- In Romania, the industrial end-user segment commands a notable share of the rechargeable battery market. This is largely attributed to the region's burgeoning industries, fueled by a skilled workforce and the government's concerted efforts to amplify the manufacturing sector, further energizing the nation's economy.
- Recent data from the National Institute of Statistics Romania highlights a consistent uptick in the country's production price index. For instance, it rose from 95.62 in October 2023 to 96.02 in April 2024, underscoring a growing demand for industrial goods

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and a strengthening economy.

- As Romania's economy evolves, there's a pronounced shift towards sustainable and efficient energy solutions across multiple sectors. The surging demand for rechargeable batteries is spurred by factors like the increasing need for dependable power sources, a shift towards renewable energy, and the rising embrace of electric vehicles and energy storage systems.
- With the nation's industries on an upward trajectory, the appetite for rechargeable batteries is set to swell. A case in point: In March 2024, Turkish investment firm Ussuri Capital unveiled plans for a new low-carbon flat-rolled steel plant in Romania. Following a preliminary feasibility study, the firm is now zeroing in on potential land plots. The ambitious project, featuring a 1.2 million-ton annual capacity electric arc furnace (EAF) and a continuous strip casting line, aims to produce 1.2 million tons of hot-rolled coils annually. With local scrap as the primary input, the plant is slated to commence operations between 2027 and 2030.
- In Romania, rechargeable batteries find utility across diverse industrial sectors, from manufacturing and logistics to construction and energy production. In manufacturing, they power forklifts, automated guided vehicles (AGVs), and robotic systems, playing pivotal roles in assembly lines and warehouses.
- Additionally, the construction sector has increasingly turned to rechargeable batteries, using them to energize tools, equipment, and portable lighting systems on-site. This shift not only boosts productivity but also reduces dependence on fossil fuel generators.
- Given these trends, the industrial demand for rechargeable batteries is poised for growth in the coming years.

#### Increase Adoption of Renewable Energy is Likely to Drive the Market

- Romania's commitment to reducing greenhouse gas emissions and transitioning to a greener energy landscape is propelling the growth of its rechargeable battery market. As the nation prioritizes the integration of renewable sources like solar and wind power, the need for robust energy storage systems becomes evident due to the intermittent nature of these sources. Rechargeable batteries emerge as a crucial component in this energy storage landscape.
- Despite these efforts, Romania has faced challenges in rapidly expanding its renewable energy footprint. High initial capital expenditures for renewable projects and an inefficient grid infrastructure have hindered seamless integration. Data from the International Renewable Energy Agency (IRENA) highlights this struggle: from 2019 to 2023, Romania's renewable energy capacity grew by a mere 600 MW, translating to an annual growth rate just above 1%. However, with the government intensifying efforts to modernize the grid, brighter prospects loom on the horizon.
- Rechargeable batteries play a pivotal role in renewable energy systems, efficiently storing excess energy produced during peak times and releasing it during high demand or less productive periods. This not only bolsters the power grid's reliability and stability but also optimizes renewable energy use, reducing waste and enhancing returns on green investments.
- In a significant move, Romania's Ministry of Energy, in February 2024, relaunched a competitive solicitation for battery storage. This initiative, aimed at bolstering grid integration of renewable energy, seeks capacities of at least 240MW and 480MWh. The Ministry targets mid-2026 for the operational launch of these 2-hour duration battery energy storage systems (BESS), backed by a funding pool of USD 85.7 million. This solicitation follows a 2023 attempt, which had projected selections by year-end.
- Moreover, the rising trend of residential and commercial solar power adoption in Romania is amplifying the demand for rechargeable batteries. These batteries empower users to store solar energy, lessening grid dependence and countering the effects of intermittent solar radiation.
- Given these dynamics, Romania's push for renewable energy integration is set to fuel the rechargeable battery demand in the coming years.

#### Romania Rechargeable Battery Industry Overview

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The Romania rechargeable battery market is semi-fragmented. Some of the key players in this market (in no particular order) are Contemporary Amperex Technology Co. Ltd., Exide Technologies, Panasonic Holdings Corporation, LUKAS Romania, and Tadiran Batteries GmbH.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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