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

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Report description:

The Netherlands Rechargeable Battery Market size is estimated at USD 1.10 billion in 2025, and is expected to reach USD 2.04 billion by 2030, at a CAGR of 13.19% during the forecast period (2025-2030).

Key Highlights
- Over the medium term, rising electric vehicle (EV) production and declining lithium-ion battery prices are expected to drive the demand for rechargeable batteries during the forecast period.
- On the other hand, the lack of raw material reserves can significantly restrain the growth of the Netherlands rechargeable battery market.
- Nevertheless, the growing adoption of wearable devices like smartwatches, wireless earphones, smart bands, and more are expected to create significant opportunities for rechargeable battery market players in the near future

Netherlands Rechargeable Battery Market Trends

Lithium-Ion Battery Type Dominate the Market

- Lithium-ion rechargeable batteries, celebrated for their myriad advantages, find extensive application across diverse sectors. These batteries have emerged as a trusted and efficient solution for electrical energy storage. One of their standout features is their high energy density, allowing them to pack substantial power into a compact and lightweight form.
- The lithium-ion rechargeable battery market in the Netherlands is a dynamic arena, brimming with both opportunities and

challenges. Thanks to their superior capacity-to-weight ratio, lithium-ion batteries are outpacing other technologies in popularity. While lithium-ion batteries typically command a premium price compared to their counterparts, leading market players are heavily investing in R&D and scaling operations. This intensified competition has not only bolstered battery performance but also contributed to a downward trend in lithium-ion battery prices.

- In 2023, driven by rising average prices in electric vehicle (EV) battery packs and battery energy storage systems (BESS), battery prices saw a notable dip, settling at USD 139/kWh, marking a decline of over 13%. With an anticipated boost in extraction and refining capacities, lithium prices are projected to stabilize, aiming for USD 100/kWh by 2026.
- The Netherlands, championing the transition to renewable energy and electric mobility, has seen its lithium-ion battery market evolve in tandem. As the nation increasingly harnesses renewable sources like solar and wind, the demand for energy storage solutions has surged. Lithium-ion batteries, pivotal in energy storage systems, are instrumental in capturing surplus renewable energy.
- For example, in February 2024, RWE, a leading multinational utility and independent power producer (IPP), broke ground on the Netherlands' inaugural utility-scale battery storage project. Boasting a power capacity of 35 megawatts (MW) and a storage capability of 41 megawatt-hours (MWh), RWE plans to integrate 110 lithium-ion battery racks, with operations set to commence by 2025. Such initiatives are poised to bolster the demand for lithium-ion batteries in the foreseeable future.
- Moreover, the Dutch government has been proactive, channeling substantial investments into renewable energy projects in recent years. These batteries are vital in harnessing and storing surplus energy from renewables, guaranteeing a consistent power supply, even amidst fluctuating weather conditions.
- In a notable move, the Dutch government, in July 2023, unveiled a EUR 412 million investment in a solar energy initiative. This investment aligns with the government's ambitious vision, projecting the nation's solar capacity to leap from 18GWp in 2022 to a staggering 100-250GWp by 2050.
- Given these undertakings and financial commitments, the Netherlands is set to amplify its renewable energy output, concurrently driving up the demand for lithium-ion rechargeable batteries in the coming years.

Automobile Segment to Witness Significant Growth

- For a long time, vehicles with internal combustion engines (ICE) dominated the automotive landscape. However, as environmental concerns grow, there's a noticeable shift towards electric vehicles (EVs). Predominantly, EVs utilize lithium-ion rechargeable batteries, favored for their high energy density, lightweight nature, low self-discharge rates, and minimal maintenance needs.
- Plug-in hybrids and electric vehicles rely on lithium-ion battery systems. Their high energy density, rapid recharge capability, and robust discharge power make lithium-ion batteries the sole technology meeting OEM standards for driving range and charging time. In contrast, lead-based traction batteries fall short for full hybrid or electric vehicles due to their lower energy efficiency and added weight.
- In recent years, the Netherlands has seen a remarkable surge in electric vehicle adoption. Data from the International Energy Agency (IEA) indicates that in 2023, electric vehicle sales reached 210,000, marking a 53.3% increase from 2022. Projections suggest a continued upward trajectory for EV sales in the region.
- To bolster the adoption of electric vehicles and renewable energy, the Dutch government has rolled out a series of policies and incentives. These initiatives have, in turn, spurred demand for lithium-ion batteries. For instance, in 2023, the government introduced subsidies of EUR 4,000 for new EV purchases or leases and EUR 2,000 for used ones. Additionally, there's a full exemption from the Motor Vehicle Tax (MRB) until 2024, followed by a 75% discount extending to 2025. Such incentives are poised to further accelerate the region's EV growth.
- As the global community pivots towards a greener future, the Netherlands is championing this electric revolution, not only by promoting EV usage but also by heavily investing in charging infrastructure. Major companies in the region are actively setting up this infrastructure to bolster EV adoption.

- For example, in March 2024, a consortium comprising Vattenfall InCharge (a Swedish energy firm), Shell Ubitricity, and TotalEnergies (a French utility giant) announced plans to install and oversee 35,000 public charging points across the Netherlands. This ambitious roll-out, commencing soon, aims for completion by 2028.
- Given these concerted efforts and initiatives, it's anticipated that EV sales will soar, charging infrastructure will expand, and the demand for rechargeable batteries will witness a significant uptick in the coming years.

Netherlands Rechargeable Battery Industry Overview

The Netherlands rechargeable battery market is semi-fragmented. Some of the key players (not in particular order) are BYD Company Ltd, Duracell Inc., Exide Industries Ltd, EnerSys, and Panasonic Holdings Corporation, among others.

Additional Benefits:

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

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