

## **United Kingdom SLI Battery - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)**

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### **Report description:**

The United Kingdom SLI Battery Market size is estimated at USD 0.87 billion in 2025, and is expected to reach USD 1.05 billion by 2030, at a CAGR of 3.75% during the forecast period (2025-2030).

#### Key Highlights

- Over the medium term, factors such as the growing automotive industry in the region and the increasing adoption of SLI batteries in industrial applications are expected to be among the most significant drivers for the UK SLI battery market during the forecast period.
- On the other hand, there is increasing competition from alternate battery chemistries that pose a threat to the market's growth during the forecast period.
- Nevertheless, continued efforts to conduct research and development regarding SLI batteries are expected to create several future market opportunities.

#### United Kingdom SLI Battery Market Trends

The VRLA Battery Type Segment is Expected to Witness Significant Growth

- The VRLA (valve-regulated lead-acid) segment has witnessed significant growth owing to the adoption of VRLA batteries across various industrial applications in recent years. These maintenance-free batteries have gained popularity due to their sealed design, which eliminates the need for regular water top-ups and reduces the risk of acid spills.

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- This trait makes VRLA batteries particularly suitable for use in sensitive environments and applications where minimal maintenance is desired. In the industrial sector, VRLA batteries are widely used in uninterruptible power supply (UPS) systems, emergency lighting, alarm systems, and backup power for critical infrastructure.
- The versatility of VRLA batteries has led to their increased adoption in various industrial settings across the United Kingdom. These batteries are commonly employed in telecommunications infrastructure, where they provide reliable backup power for cell towers and communication equipment. Their ability to function effectively in a wide range of temperatures and compact design makes them ideal for outdoor installations and remote locations.
- As per the European Recycling Forum, the market witnessed a notable surge in the quantity of SLI batteries from 2023 to 2024. In the first quarter of 2024, the region's cumulative SLI battery quantity stood at around 375 tonnes, marking a substantial 34% increase from 2023. This uptick underscored the increased popularity of SLI batteries, consequently bolstering the demand for VRLA batteries.
- The growing emphasis on renewable energy sources has created new opportunities for VRLA batteries in energy storage applications, particularly in off-grid and hybrid power systems for industrial facilities located in remote areas or seeking to reduce their reliance on the national grid.
- The healthcare sector in the United Kingdom has also become a significant consumer of VRLA batteries, particularly in hospitals and medical facilities where uninterrupted power supply is critical. These batteries are used in medical equipment, emergency power systems, and mobile medical units.
- As the healthcare infrastructure continues to expand and modernize across the United Kingdom, the demand for VRLA batteries in this sector is expected to grow further, driving innovation in battery technology to meet the specific needs of medical applications.
- For instance, in April 2024, the Statistical Office of the United Kingdom announced that healthcare expenditure reached approximately GBP 292 billion in 2023. This marked a notable 5.6% increase in nominal terms from 2022, a significant jump from the mere 0.9% growth in 2022. Notably, healthcare spending in 2023 accounted for 10.9% of the United Kingdom's nominal gross domestic product. As healthcare facilities expand and upgrade their infrastructure to accommodate the growing needs of patients, the need for reliable power sources becomes critical.
- Therefore, as per the points mentioned above, the VRLA segment is expected to witness significant growth during the forecast period.

#### Growing Automotive Industry To Drive the Market

- The automotive industry in the United Kingdom has been experiencing a period of growth and transformation, which is expected to positively impact the market. As vehicle production and sales continue to rise, the demand for high-quality SLI batteries is anticipated to increase correspondingly.
- For instance, data from the International Organization of Motor Vehicle Manufacturers revealed that vehicle production in the United Kingdom has been on a consistent rise since 2020. Between 2020 and 2023, vehicle production saw an average annual growth rate of about 4%. Notably, from 2022 to 2023, there was a remarkable surge, with production spiking by over 16%. This surge not only underscores the robustness of the automobile industry but also highlights its direct impact on the market.
- The automobile industry is driven by several factors, including government support initiatives, technological advancements in vehicle design, and shifting consumer preferences toward more efficient and environmentally friendly transportation options.
- The UK government's commitment to developing the automotive industry as a critical component of the nation's economic strategy has led to substantial investments in research and development, infrastructure, and manufacturing capabilities. These initiatives have attracted both domestic and international automakers to establish or expand their operations within the region, leading to an increase in vehicle production volumes.
- For instance, in November 2023, the UK government announced a significant USD 5.68 billion funding initiative, emphasizing eight key industries. Notably, the automotive industry stood out, earmarked to receive more than USD 2 billion. This allocation

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underscored the government's push to bolster the industry's pivotal position in the UK economic landscape, emphasizing both growth and sustainability. The directive accompanying this substantial funding is to propel advancements in vehicle manufacturing, supply chains, and overall development.

- As more vehicles roll off production lines, the need for SLI batteries - essential components in both traditional internal combustion engine vehicles and many hybrid models - grows proportionally. This trend is expected to continue in the coming years, providing a steady boost to the growth of the SLI battery market.
- Technological advancements in the automotive industry are also playing a crucial role in driving the SLI battery market. Modern vehicles are equipped with increasingly sophisticated electrical systems that require more robust and reliable batteries. The proliferation of advanced driver assistance systems (ADAS), infotainment systems, and other electronic features in vehicles has led to higher energy demands, necessitating the development of more capable SLI batteries.
- Therefore, as per the points mentioned above, the growing automotive industry is expected to drive the market during the forecast period.

## United Kingdom SLI Battery Industry Overview

The UK SLI battery market is semi-fragmented. Some of the key players in this market (in no particular order) include Leoch International Technology Limited Inc., Faradion Limited, Espex Batteries Ltd, Clarios International Inc., and Exide Technologies.

Additional Benefits:

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

### **Table of Contents:**

#### 1 INTRODUCTION

##### 1.1 Scope of the Study

##### 1.2 Market Definition

##### 1.3 Study Assumptions

#### 2 EXECUTIVE SUMMARY

#### 3 RESEARCH METHODOLOGY

#### 4 MARKET OVERVIEW

##### 4.1 Introduction

##### 4.2 Market Size and Demand Forecast in USD, till 2029

##### 4.3 Recent Trends and Developments

##### 4.4 Government Policies and Regulations

##### 4.5 Market Dynamics

##### 4.5.1 Drivers

##### 4.5.1.1 Growing Automotive Industry

##### 4.5.1.2 Growing Adoption of Batteries in the Industrial Applications

##### 4.5.2 Restraints

##### 4.5.2.1 Competition From Alternative Battery Chemistries

##### 4.6 Supply Chain Analysis

##### 4.7 PESTLE Analysis

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## 4.8 Investment Analysis

## 5 MARKET SEGMENTATION

### 5.1 Type

#### 5.1.1 Flooded Battery

#### 5.1.2 VRLA Battery

#### 5.1.3 EBF Battery

### 5.2 End User

#### 5.2.1 Automotive

#### 5.2.2 Others

## 6 COMPETITIVE LANDSCAPE

### 6.1 Mergers and Acquisitions, Joint Ventures, Collaborations, and Agreements

### 6.2 Strategies Adopted & SWOT Analysis for Leading Players

### 6.3 Company Profiles

#### 6.3.1 Leoch International Technology Limited Inc.

#### 6.3.2 Faradion Limited

#### 6.3.3 Espex Batteries Ltd

#### 6.3.4 Clarios International Inc.

#### 6.3.5 Exide Technologies

#### 6.3.6 Johnson Controls

#### 6.3.7 EnerSys

#### 6.3.8 GS Yuasa International Ltd

#### 6.3.9 C&D Technologies Inc.

#### 6.3.10 Trojan Battery Company

### 6.4 List of Other Prominent Companies

### 6.5 Market Ranking/Share (%) Analysis

## 7 MARKET OPPORTUNITIES AND FUTURE TRENDS

### 7.1 Innovation in Battery Technology

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