

# Primary Battery Market Report by Type (Primary Alkaline Battery, Primary Lithium Battery, and Others), End Use Industry (Defense, Aerospace, Medical, Aviation, and Others), and Region 2024-2032

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# **Abstracts**

The global primary battery market size reached US\$ 17.4 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 28.3 Billion by 2032, exhibiting a growth rate (CAGR) of 5.4% during 2024-2032.

Primary batteries, also known as dry cells, are non-rechargeable and single-use galvanic cells that store electricity for convenient usage. They are environment-friendly and offer several advantages, such as reliability, instant readiness and high energy and storage. Consequently, they are used in cardiac pacemakers, which are surgically implanted into the human body. They are also utilized in various consumer products, such as remote-control garage door openers, door locks, home smoke detectors, and remote controls for televisions and stereo sets. In addition, they find applications in tire pressure gauges of vehicles, smart meters, intelligent drill bits in mining, animal-tracking, remote light beacons, wristwatches, and electric keys.

#### **Primary Battery Market Trends:**

At present, there is a rise in the demand for low battery drainage equipment across the globe. This, along with the increasing adoption of mobile consumer units, represents one of the key factors driving the market. Moreover, there is a rise in the demand for primary batteries due to efficient voltage deliverability and longer shelf life. This, coupled with the rising utilization of alkaline primary batteries due to their operational capabilities of work over a variety of temperatures and high energy density, is propelling the growth of the market. In addition, the growing production of medical devices, such as hearing aids, surgical tools, medical defibrillators, robots, infusion pumps, monitors, and meters,



is positively influencing the market. Besides this, the increasing defense budget for the development of weapons and missiles is offering lucrative growth opportunities to industry investors. Apart from this, the rising need to minimize environmental impact and adopt sustainable energy sources is strengthening the growth of the market. Additionally, the increasing employment of primary batteries in the agriculture sector to power irrigation systems, sensors, wind-powered generators, and water pumps is bolstering the growth of the market.

# Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global primary battery market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on type and end use industry.

Breakup by Type:

Primary Alkaline Battery
Primary Lithium Battery
Others

Breakup by End Use Industry:

Defense

Aerospace

Medical

Aviation

Others

Breakup by Region:

North America

**United States** 

Canada

Asia-Pacific

China

Japan

India

South Korea



А	usti	'al	เล

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

# Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Camelion Batterien GmbH, Duracell Inc., EaglePicher Technologies, Energizer Holdings Inc., FDK Corporation (Fujitsu Limited), GP Industries Limited (Gold Peak Industries Limited), Integer Holdings Corporation, Maxell Ltd. (Hitachi Ltd.), Panasonic Holdings Corporation, Saft (TotalEnergies SE) and Ultralife Corporation.

# Key Questions Answered in This Report:

How has the global primary battery market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global primary battery market?

What are the key regional markets?

What is the breakup of the market based on the type?

What is the breakup of the market based on the end use industry?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global primary battery market and who are the key players? What is the degree of competition in the industry?



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