

# Global (North America, Europe and Asia-Pacific, South America, Middle East and Africa) VRLA Batteries Market 2017 Forecast to 2022

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## Abstracts

A VRLA battery, more commonly known as a sealed lead-acid (SLA), gel cell, or maintenance free battery, is a type of lead-acid rechargeable battery. Due to their construction, the Gel and AGM types of VRLA can be mounted in any orientation, and do not require constant maintenance. The term 'maintenance free' is a misnomer as VRLA batteries still require cleaning and regular functional testing. They are widely used in large portable electrical devices, off-grid power systems and similar roles, where large amounts of storage are needed at a lower cost than other low-maintenance technologies like lithium-ion.

Scope of the Report:

This report focuses on the VRLA Batteries in Global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

Market Segment by Manufacturers, this report covers

Exide Technologies

GS Battery

Panasonic

Vision Battery

SBS Battery

Fiamm

MCA

Power-Sonic Europe

Southern Battery

Market Segment by Regions, regional analysis covers

North America (USA, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Columbia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Absorbed Glass Mat Battery

Gel Battery

Market Segment by Applications, can be divided into

Telecommunications industry

Electricity Industry

UPS

## Other

There are 15 Chapters to deeply display the global VRLA Batteries market.

Chapter 1, to describe VRLA Batteries Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of VRLA Batteries, with sales, revenue, and price of VRLA Batteries, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of VRLA Batteries, for each region, from 2012 to 2017;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2012 to 2017;

Chapter 12, VRLA Batteries market forecast, by regions, type and application, with sales and revenue, from 2017 to 2022;

Chapter 13, 14 and 15, to describe VRLA Batteries sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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