

Global VRLA Batteries Market 2019 by Manufacturers, Regions, Type and Application, Forecast to 2024

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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:

There are many manufacturers to produce VRLA Batteries, such as Exide Technologies, GS Battery, Panasonic, Vision Battery, SBS Battery, Fiamm, MCA, Power-Sonic Europe, Southern Battery, etc. Exide Technologies is the biggest manufacturer of VRLA Batteries.

Europe and North America are the two main production regions, they are also the main consumption regions. In 2016, more than 22.30% of the VRLA Batteries were consumed in Europe, and more than 23.81% of the VRLA Batteries were consumed in North America, in the future, China is an important consumption region.

The worldwide market for VRLA Batteries is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2024, from xx million US\$ in 2019, according to a new GIR (Global Info Research) study.

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 (United States, Canada and Mexico) Europe (Germany, France, UK, Russia and Italy) Asia-Pacific (China, Japan, Korea, India and Southeast Asia) South America (Brazil, Argentina, Colombia 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

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe VRLA Batteries product scope, market overview, market opportunities, market driving force and market risks.

Chapter 2, to profile the top manufacturers of VRLA Batteries, with price, sales, revenue and global market share of VRLA Batteries in 2017 and 2018.

Chapter 3, the VRLA Batteries competitive situation, sales, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the VRLA Batteries breakdown data are shown at the regional level, to show the sales, revenue and growth by regions, from 2014 to 2019.

Chapter 5, 6, 7, 8 and 9, to break the sales data at the country level, with sales, revenue and market share for key countries in the world, from 2014 to 2019.

Chapter 10 and 11, to segment the sales by type and application, with sales market share and growth rate by type, application, from 2014 to 2019.

Chapter 12, VRLA Batteries market forecast, by regions, type and application, with sales and revenue, from 2019 to 2024.

Chapter 13, 14 and 15, to describe VRLA Batteries sales channel, distributors,



customers, research findings and conclusion, appendix and data source.



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