

North America VRLA Batteries Market by Manufacturers, Countries, Type and Application, 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 North America market, especially in United States, Canada and Mexico. This report categorizes the market based on manufacturers, countries, 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 Countries, covering

United States

Canada

Mexico

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 North America VRLA Batteries market.

Chapter 1, to describe VRLA Batteries Introduction, product type and application, market overview, market analysis by countries, market opportunities, market risk, market driving force;

Chapter 2, to analyze the manufacturers of VRLA Batteries, with profile, main business, news, sales, price, revenue and market share in 2016 and 2017;

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

Chapter 4, to show the North America market by countries, covering United States, Canada and Mexico, with sales, revenue and market share of VRLA Batteries, for each country, from 2012 to 2017;

Chapter 5 and 6, to show the market by type and application, with sales, price, revenue, market share and growth rate by type, application, from 2012 to 2017;

Chapter 7, 8 and 9, to analyze the segment market in United States, Canada and Mexico, by manufacturers, type and application, with sales, price, revenue and market share by manufacturers, types and applications;

Chapter 10, VRLA Batteries market forecast, by countries, type and application, with sales, price and revenue, from 2017 to 2022;

Chapter 11, to analyze the manufacturing cost, key raw materials and manufacturing process etc.

Chapter 12, to analyze the industrial chain, sourcing strategy and downstream end users (buyers);

Chapter 13, to describe sales channel, distributors, traders, dealers etc.

Chapter 14 and 15, to describe VRLA Batteries Research Findings and Conclusion, Appendix, methodology and data source

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