

# Global VRLA Batteries Market Survey and Trend Research 2018

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## Abstracts

### Summary

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.

This report describes the development of the industry by upstream & downstream, industry overall and development, key companies, as well as type segment & market application and so on, and makes a scientific prediction for the development industry prospects on the basis of analysis, finally, analyzes opportunities for investment in the industry at the end of the report.

### Industry Chain

Raw Materials

Cost

Technology

Consumer Preference

**Industry Overall:**

History

Development &amp; Trend

Market Competition

Trade Overview

Policy

**Region (North America, Europe, Asia-Pacific, South America, Middle East, Africa):**

Regional Market

Production Development

Sales

Regional Trade

Regional Forecast

**Company (GS Battery, Exide Technologies, Panasonic, Vision Battery, Fiamm, Fiamm, MCA, Power-Sonic Europe, Southern Battery etc.):**

Company Profile

Product &amp; Service

Business Operation Data

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