

Global AGM Super Cycle Battery Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global AGM Super Cycle Battery market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

An AGM battery is designed for two jobs: delivering powerful bursts of starting amps and running electronics for a long time. They tend to last longer than a regular flooded battery. AGM batteries also have valves regulating the amount of hydrogen and oxygen gas allowed to escape during charging. They fall under a broader category of valveregulated, lead-acid (VRLA) batteries, typically used for storing a lot of power for a long time or for long-running power uses. Developed in the late 1970s, AGM batteries mostly served as backup power for telephone boxes and early computer rooms. There are two types of AGM batteries – lead-calcium and Thin Plate Pure Lead (TPPL).

Lead-calcium: Lead-calcium AGM batteries have many of the operating limitations of the flooded, wet cell battery, but without the hazardous issues. They are single purpose in function and design. The "SLI" design – starting, lighting and ignition – is pulse starting, but cannot be deep cycled. Doing so would shorten service life dramatically. Lead-calcium "deep cycle" batteries are also single purpose by design in that they support deep discharging, and have a specific deep discharge cycle rating. Their thick plates don't allow for pulse starting power like the SLI design.

TPPL: TPPL AGM batteries are dual purpose, have the highest CCA ratings and deep cycle at 400 cycles to 80% depth of discharge. They can be fast charged, and discharged, in the range of -40°F (-40°F) to 176°F (80°C) provide 10-12 years of float service and, best of all, do not fail catastrophically. TPPL AGM batteries are certified environmentally friendly as non-hazardous and non-spillable by US-DOT and International Air Transport Association (IATA).Their use expanded over the decades to



include motorcycles, military, aircraft, submarines and power banks for offices.

AGM Super Cycle batteries are the result of recent battery electro chemistry developments. The paste of the positive plates is less sensitive to softening, even in case of repeated 100% discharge of the battery, and new additives to the electrolyte reduce sulfation in case of deep discharge.

This report studies the global AGM Super Cycle Battery production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for AGM Super Cycle Battery, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of AGM Super Cycle Battery that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global AGM Super Cycle Battery total production and demand, 2018-2029, (K Units)

Global AGM Super Cycle Battery total production value, 2018-2029, (USD Million)

Global AGM Super Cycle Battery production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global AGM Super Cycle Battery consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: AGM Super Cycle Battery domestic production, consumption, key domestic manufacturers and share

Global AGM Super Cycle Battery production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global AGM Super Cycle Battery production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global AGM Super Cycle Battery production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)



This reports profiles key players in the global AGM Super Cycle Battery market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Clarios, Power Sonic, Universal Power Group Inc, Panasonic, C&D Technologies,Inc., East Penn Manufacturing, Exide Technologies, GS YUASA and Johnson Controls International PLC, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World AGM Super Cycle Battery market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global AGM Super Cycle Battery Market, By Region:

United States China Europe Japan South Korea ASEAN India Rest of World



Global AGM Super Cycle Battery Market, Segmentation by Type

Lead-Calcium

Thin Plate Pure Lead (TPPL)

Global AGM Super Cycle Battery Market, Segmentation by Application

Motorcycles

Aircraft

Submarine

Mobile Power

Automobile

Other

Companies Profiled:

Clarios

Power Sonic

Universal Power Group Inc

Panasonic

C&D Technologies, Inc.

East Penn Manufacturing

Exide Technologies



GS YUASA

Johnson Controls International PLC

Robert Bosch

Fullriver Battery

XS Power Batteries

EnerSys

VMAXTANKS

Victron Energy

Key Questions Answered

1. How big is the global AGM Super Cycle Battery market?

2. What is the demand of the global AGM Super Cycle Battery market?

3. What is the year over year growth of the global AGM Super Cycle Battery market?

4. What is the production and production value of the global AGM Super Cycle Battery market?

5. Who are the key producers in the global AGM Super Cycle Battery market?

6. What are the growth factors driving the market demand?



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