

Global AGM Super Cycle Battery Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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Abstracts

According to our (Global Info Research) latest study, the global AGM Super Cycle Battery market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

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 is a detailed and comprehensive analysis for global AGM Super Cycle Battery market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

Key Features:

Global AGM Super Cycle Battery market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global AGM Super Cycle Battery market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global AGM Super Cycle Battery market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global AGM Super Cycle Battery market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for AGM Super Cycle Battery

Global AGM Super Cycle Battery Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029



To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report 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 and C&D Technologies,Inc., etc.

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

Market Segmentation

AGM Super Cycle Battery market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Lead-Calcium

Thin Plate Pure Lead (TPPL)

Market segment by Application

Motorcycles

Aircraft

Submarine

Mobile Power

Automobile



Other

Major players covered

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

Market segment by region, regional analysis covers



North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

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

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

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

Chapter 1, to describe AGM Super Cycle Battery product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of AGM Super Cycle Battery, with price, sales, revenue and global market share of AGM Super Cycle Battery from 2018 to 2023.

Chapter 3, the AGM Super Cycle Battery competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the AGM Super Cycle Battery breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022.and AGM Super Cycle Battery market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.



Chapter 13, the key raw materials and key suppliers, and industry chain of AGM Super Cycle Battery.

Chapter 14 and 15, to describe AGM Super Cycle Battery sales channel, distributors, customers, research findings and conclusion.



Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of AGM Super Cycle Battery
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type

1.3.1 Overview: Global AGM Super Cycle Battery Consumption Value by Type: 2018 Versus 2022 Versus 2029

- 1.3.2 Lead-Calcium
- 1.3.3 Thin Plate Pure Lead (TPPL)
- 1.4 Market Analysis by Application

1.4.1 Overview: Global AGM Super Cycle Battery Consumption Value by Application:

- 2018 Versus 2022 Versus 2029
 - 1.4.2 Motorcycles
 - 1.4.3 Aircraft
 - 1.4.4 Submarine
 - 1.4.5 Mobile Power
 - 1.4.6 Automobile
 - 1.4.7 Other
- 1.5 Global AGM Super Cycle Battery Market Size & Forecast
 - 1.5.1 Global AGM Super Cycle Battery Consumption Value (2018 & 2022 & 2029)
 - 1.5.2 Global AGM Super Cycle Battery Sales Quantity (2018-2029)
- 1.5.3 Global AGM Super Cycle Battery Average Price (2018-2029)

2 MANUFACTURERS PROFILES

2.1 Clarios

- 2.1.1 Clarios Details
- 2.1.2 Clarios Major Business
- 2.1.3 Clarios AGM Super Cycle Battery Product and Services
- 2.1.4 Clarios AGM Super Cycle Battery Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2018-2023)

2.1.5 Clarios Recent Developments/Updates

2.2 Power Sonic

- 2.2.1 Power Sonic Details
- 2.2.2 Power Sonic Major Business
- 2.2.3 Power Sonic AGM Super Cycle Battery Product and Services
- 2.2.4 Power Sonic AGM Super Cycle Battery Sales Quantity, Average Price, Revenue,



Gross Margin and Market Share (2018-2023)

2.2.5 Power Sonic Recent Developments/Updates

2.3 Universal Power Group Inc

2.3.1 Universal Power Group Inc Details

2.3.2 Universal Power Group Inc Major Business

2.3.3 Universal Power Group Inc AGM Super Cycle Battery Product and Services

2.3.4 Universal Power Group Inc AGM Super Cycle Battery Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2018-2023)

2.3.5 Universal Power Group Inc Recent Developments/Updates

2.4 Panasonic

2.4.1 Panasonic Details

2.4.2 Panasonic Major Business

2.4.3 Panasonic AGM Super Cycle Battery Product and Services

2.4.4 Panasonic AGM Super Cycle Battery Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2018-2023)

2.4.5 Panasonic Recent Developments/Updates

2.5 C&D Technologies, Inc.

2.5.1 C&D Technologies, Inc. Details

2.5.2 C&D Technologies, Inc. Major Business

2.5.3 C&D Technologies, Inc. AGM Super Cycle Battery Product and Services

2.5.4 C&D Technologies, Inc. AGM Super Cycle Battery Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.5.5 C&D Technologies, Inc. Recent Developments/Updates

2.6 East Penn Manufacturing

- 2.6.1 East Penn Manufacturing Details
- 2.6.2 East Penn Manufacturing Major Business

2.6.3 East Penn Manufacturing AGM Super Cycle Battery Product and Services

2.6.4 East Penn Manufacturing AGM Super Cycle Battery Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2018-2023)

2.6.5 East Penn Manufacturing Recent Developments/Updates

2.7 Exide Technologies

2.7.1 Exide Technologies Details

2.7.2 Exide Technologies Major Business

2.7.3 Exide Technologies AGM Super Cycle Battery Product and Services

2.7.4 Exide Technologies AGM Super Cycle Battery Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.7.5 Exide Technologies Recent Developments/Updates

2.8 GS YUASA

2.8.1 GS YUASA Details



2.8.2 GS YUASA Major Business

2.8.3 GS YUASA AGM Super Cycle Battery Product and Services

2.8.4 GS YUASA AGM Super Cycle Battery Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2018-2023)

2.8.5 GS YUASA Recent Developments/Updates

2.9 Johnson Controls International PLC

2.9.1 Johnson Controls International PLC Details

2.9.2 Johnson Controls International PLC Major Business

2.9.3 Johnson Controls International PLC AGM Super Cycle Battery Product and Services

2.9.4 Johnson Controls International PLC AGM Super Cycle Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.9.5 Johnson Controls International PLC Recent Developments/Updates

2.10 Robert Bosch

2.10.1 Robert Bosch Details

2.10.2 Robert Bosch Major Business

2.10.3 Robert Bosch AGM Super Cycle Battery Product and Services

2.10.4 Robert Bosch AGM Super Cycle Battery Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.10.5 Robert Bosch Recent Developments/Updates

2.11 Fullriver Battery

2.11.1 Fullriver Battery Details

- 2.11.2 Fullriver Battery Major Business
- 2.11.3 Fullriver Battery AGM Super Cycle Battery Product and Services
- 2.11.4 Fullriver Battery AGM Super Cycle Battery Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.11.5 Fullriver Battery Recent Developments/Updates

2.12 XS Power Batteries

2.12.1 XS Power Batteries Details

2.12.2 XS Power Batteries Major Business

2.12.3 XS Power Batteries AGM Super Cycle Battery Product and Services

2.12.4 XS Power Batteries AGM Super Cycle Battery Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.12.5 XS Power Batteries Recent Developments/Updates

2.13 EnerSys

2.13.1 EnerSys Details

2.13.2 EnerSys Major Business

2.13.3 EnerSys AGM Super Cycle Battery Product and Services

2.13.4 EnerSys AGM Super Cycle Battery Sales Quantity, Average Price, Revenue,



Gross Margin and Market Share (2018-2023)

2.13.5 EnerSys Recent Developments/Updates

2.14 VMAXTANKS

2.14.1 VMAXTANKS Details

2.14.2 VMAXTANKS Major Business

2.14.3 VMAXTANKS AGM Super Cycle Battery Product and Services

2.14.4 VMAXTANKS AGM Super Cycle Battery Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.14.5 VMAXTANKS Recent Developments/Updates

2.15 Victron Energy

2.15.1 Victron Energy Details

2.15.2 Victron Energy Major Business

2.15.3 Victron Energy AGM Super Cycle Battery Product and Services

2.15.4 Victron Energy AGM Super Cycle Battery Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.15.5 Victron Energy Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: AGM SUPER CYCLE BATTERY BY MANUFACTURER

3.1 Global AGM Super Cycle Battery Sales Quantity by Manufacturer (2018-2023)

3.2 Global AGM Super Cycle Battery Revenue by Manufacturer (2018-2023)

3.3 Global AGM Super Cycle Battery Average Price by Manufacturer (2018-2023)3.4 Market Share Analysis (2022)

3.4.1 Producer Shipments of AGM Super Cycle Battery by Manufacturer Revenue (\$MM) and Market Share (%): 2022

3.4.2 Top 3 AGM Super Cycle Battery Manufacturer Market Share in 2022

3.4.2 Top 6 AGM Super Cycle Battery Manufacturer Market Share in 2022

3.5 AGM Super Cycle Battery Market: Overall Company Footprint Analysis

3.5.1 AGM Super Cycle Battery Market: Region Footprint

- 3.5.2 AGM Super Cycle Battery Market: Company Product Type Footprint
- 3.5.3 AGM Super Cycle Battery Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

- 4.1 Global AGM Super Cycle Battery Market Size by Region
 - 4.1.1 Global AGM Super Cycle Battery Sales Quantity by Region (2018-2029)



- 4.1.2 Global AGM Super Cycle Battery Consumption Value by Region (2018-2029)
- 4.1.3 Global AGM Super Cycle Battery Average Price by Region (2018-2029)
- 4.2 North America AGM Super Cycle Battery Consumption Value (2018-2029)
- 4.3 Europe AGM Super Cycle Battery Consumption Value (2018-2029)
- 4.4 Asia-Pacific AGM Super Cycle Battery Consumption Value (2018-2029)
- 4.5 South America AGM Super Cycle Battery Consumption Value (2018-2029)
- 4.6 Middle East and Africa AGM Super Cycle Battery Consumption Value (2018-2029)

5 MARKET SEGMENT BY TYPE

5.1 Global AGM Super Cycle Battery Sales Quantity by Type (2018-2029)

- 5.2 Global AGM Super Cycle Battery Consumption Value by Type (2018-2029)
- 5.3 Global AGM Super Cycle Battery Average Price by Type (2018-2029)

6 MARKET SEGMENT BY APPLICATION

6.1 Global AGM Super Cycle Battery Sales Quantity by Application (2018-2029)

6.2 Global AGM Super Cycle Battery Consumption Value by Application (2018-2029)

6.3 Global AGM Super Cycle Battery Average Price by Application (2018-2029)

7 NORTH AMERICA

7.1 North America AGM Super Cycle Battery Sales Quantity by Type (2018-2029)7.2 North America AGM Super Cycle Battery Sales Quantity by Application (2018-2029)

7.3 North America AGM Super Cycle Battery Market Size by Country

7.3.1 North America AGM Super Cycle Battery Sales Quantity by Country (2018-2029)

7.3.2 North America AGM Super Cycle Battery Consumption Value by Country (2018-2029)

7.3.3 United States Market Size and Forecast (2018-2029)

- 7.3.4 Canada Market Size and Forecast (2018-2029)
- 7.3.5 Mexico Market Size and Forecast (2018-2029)

8 EUROPE

8.1 Europe AGM Super Cycle Battery Sales Quantity by Type (2018-2029)

8.2 Europe AGM Super Cycle Battery Sales Quantity by Application (2018-2029)

8.3 Europe AGM Super Cycle Battery Market Size by Country

8.3.1 Europe AGM Super Cycle Battery Sales Quantity by Country (2018-2029)

8.3.2 Europe AGM Super Cycle Battery Consumption Value by Country (2018-2029)



- 8.3.3 Germany Market Size and Forecast (2018-2029)
- 8.3.4 France Market Size and Forecast (2018-2029)
- 8.3.5 United Kingdom Market Size and Forecast (2018-2029)
- 8.3.6 Russia Market Size and Forecast (2018-2029)
- 8.3.7 Italy Market Size and Forecast (2018-2029)

9 ASIA-PACIFIC

- 9.1 Asia-Pacific AGM Super Cycle Battery Sales Quantity by Type (2018-2029)
- 9.2 Asia-Pacific AGM Super Cycle Battery Sales Quantity by Application (2018-2029)
- 9.3 Asia-Pacific AGM Super Cycle Battery Market Size by Region
 - 9.3.1 Asia-Pacific AGM Super Cycle Battery Sales Quantity by Region (2018-2029)
- 9.3.2 Asia-Pacific AGM Super Cycle Battery Consumption Value by Region (2018-2029)
- 9.3.3 China Market Size and Forecast (2018-2029)
- 9.3.4 Japan Market Size and Forecast (2018-2029)
- 9.3.5 Korea Market Size and Forecast (2018-2029)
- 9.3.6 India Market Size and Forecast (2018-2029)
- 9.3.7 Southeast Asia Market Size and Forecast (2018-2029)
- 9.3.8 Australia Market Size and Forecast (2018-2029)

10 SOUTH AMERICA

10.1 South America AGM Super Cycle Battery Sales Quantity by Type (2018-2029)10.2 South America AGM Super Cycle Battery Sales Quantity by Application (2018-2029)

10.3 South America AGM Super Cycle Battery Market Size by Country

10.3.1 South America AGM Super Cycle Battery Sales Quantity by Country (2018-2029)

10.3.2 South America AGM Super Cycle Battery Consumption Value by Country (2018-2029)

10.3.3 Brazil Market Size and Forecast (2018-2029)

10.3.4 Argentina Market Size and Forecast (2018-2029)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa AGM Super Cycle Battery Sales Quantity by Type (2018-2029)

11.2 Middle East & Africa AGM Super Cycle Battery Sales Quantity by Application



(2018-2029)

11.3 Middle East & Africa AGM Super Cycle Battery Market Size by Country

11.3.1 Middle East & Africa AGM Super Cycle Battery Sales Quantity by Country (2018-2029)

11.3.2 Middle East & Africa AGM Super Cycle Battery Consumption Value by Country (2018-2029)

- 11.3.3 Turkey Market Size and Forecast (2018-2029)
- 11.3.4 Egypt Market Size and Forecast (2018-2029)
- 11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)
- 11.3.6 South Africa Market Size and Forecast (2018-2029)

12 MARKET DYNAMICS

- 12.1 AGM Super Cycle Battery Market Drivers
- 12.2 AGM Super Cycle Battery Market Restraints
- 12.3 AGM Super Cycle Battery Trends Analysis
- 12.4 Porters Five Forces Analysis
- 12.4.1 Threat of New Entrants
- 12.4.2 Bargaining Power of Suppliers
- 12.4.3 Bargaining Power of Buyers
- 12.4.4 Threat of Substitutes
- 12.4.5 Competitive Rivalry
- 12.5 Influence of COVID-19 and Russia-Ukraine War
 - 12.5.1 Influence of COVID-19
- 12.5.2 Influence of Russia-Ukraine War

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of AGM Super Cycle Battery and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of AGM Super Cycle Battery
- 13.3 AGM Super Cycle Battery Production Process
- 13.4 AGM Super Cycle Battery Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
- 14.1.1 Direct to End-User
- 14.1.2 Distributors
- 14.2 AGM Super Cycle Battery Typical Distributors



14.3 AGM Super Cycle Battery Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer



List Of Tables

LIST OF TABLES

Table 1. Global AGM Super Cycle Battery Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global AGM Super Cycle Battery Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. Clarios Basic Information, Manufacturing Base and Competitors

Table 4. Clarios Major Business

 Table 5. Clarios AGM Super Cycle Battery Product and Services

Table 6. Clarios AGM Super Cycle Battery Sales Quantity (K Units), Average Price

(US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. Clarios Recent Developments/Updates

 Table 8. Power Sonic Basic Information, Manufacturing Base and Competitors

Table 9. Power Sonic Major Business

Table 10. Power Sonic AGM Super Cycle Battery Product and Services

 Table 11. Power Sonic AGM Super Cycle Battery Sales Quantity (K Units), Average

Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. Power Sonic Recent Developments/Updates

Table 13. Universal Power Group Inc Basic Information, Manufacturing Base and Competitors

Table 14. Universal Power Group Inc Major Business

Table 15. Universal Power Group Inc AGM Super Cycle Battery Product and Services

Table 16. Universal Power Group Inc AGM Super Cycle Battery Sales Quantity (K

Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. Universal Power Group Inc Recent Developments/Updates

Table 18. Panasonic Basic Information, Manufacturing Base and Competitors

Table 19. Panasonic Major Business

Table 20. Panasonic AGM Super Cycle Battery Product and Services

Table 21. Panasonic AGM Super Cycle Battery Sales Quantity (K Units), Average Price

(US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. Panasonic Recent Developments/Updates

Table 23. C&D Technologies, Inc. Basic Information, Manufacturing Base and Competitors

Table 24. C&D Technologies, Inc. Major Business

Table 25. C&D Technologies, Inc. AGM Super Cycle Battery Product and Services Table 26. C&D Technologies, Inc. AGM Super Cycle Battery Sales Quantity (K Units),



Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. C&D Technologies, Inc. Recent Developments/Updates

Table 28. East Penn Manufacturing Basic Information, Manufacturing Base and Competitors

 Table 29. East Penn Manufacturing Major Business

 Table 30. East Penn Manufacturing AGM Super Cycle Battery Product and Services

Table 31. East Penn Manufacturing AGM Super Cycle Battery Sales Quantity (K Units),

Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. East Penn Manufacturing Recent Developments/Updates

Table 33. Exide Technologies Basic Information, Manufacturing Base and Competitors Table 34. Exide Technologies Major Business

Table 35. Exide Technologies AGM Super Cycle Battery Product and Services

Table 36. Exide Technologies AGM Super Cycle Battery Sales Quantity (K Units),

Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

 Table 37. Exide Technologies Recent Developments/Updates

Table 38. GS YUASA Basic Information, Manufacturing Base and Competitors

Table 39. GS YUASA Major Business

Table 40. GS YUASA AGM Super Cycle Battery Product and Services

Table 41. GS YUASA AGM Super Cycle Battery Sales Quantity (K Units), Average

Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

 Table 42. GS YUASA Recent Developments/Updates

Table 43. Johnson Controls International PLC Basic Information, Manufacturing Base and Competitors

Table 44. Johnson Controls International PLC Major Business

Table 45. Johnson Controls International PLC AGM Super Cycle Battery Product and Services

Table 46. Johnson Controls International PLC AGM Super Cycle Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 47. Johnson Controls International PLC Recent Developments/Updates

Table 48. Robert Bosch Basic Information, Manufacturing Base and Competitors

Table 49. Robert Bosch Major Business

Table 50. Robert Bosch AGM Super Cycle Battery Product and Services

Table 51. Robert Bosch AGM Super Cycle Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 52. Robert Bosch Recent Developments/Updates



Table 53. Fullriver Battery Basic Information, Manufacturing Base and Competitors Table 54. Fullriver Battery Major Business Table 55. Fullriver Battery AGM Super Cycle Battery Product and Services Table 56. Fullriver Battery AGM Super Cycle Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023) Table 57. Fullriver Battery Recent Developments/Updates Table 58. XS Power Batteries Basic Information, Manufacturing Base and Competitors Table 59. XS Power Batteries Major Business Table 60. XS Power Batteries AGM Super Cycle Battery Product and Services Table 61. XS Power Batteries AGM Super Cycle Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)Table 62. XS Power Batteries Recent Developments/Updates Table 63. EnerSys Basic Information, Manufacturing Base and Competitors Table 64. EnerSys Major Business Table 65. EnerSys AGM Super Cycle Battery Product and Services Table 66. EnerSys AGM Super Cycle Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023) Table 67. EnerSys Recent Developments/Updates Table 68. VMAXTANKS Basic Information, Manufacturing Base and Competitors Table 69. VMAXTANKS Major Business Table 70. VMAXTANKS AGM Super Cycle Battery Product and Services Table 71. VMAXTANKS AGM Super Cycle Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023) Table 72. VMAXTANKS Recent Developments/Updates Table 73. Victron Energy Basic Information, Manufacturing Base and Competitors Table 74. Victron Energy Major Business Table 75. Victron Energy AGM Super Cycle Battery Product and Services Table 76. Victron Energy AGM Super Cycle Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023) Table 77. Victron Energy Recent Developments/Updates Table 78. Global AGM Super Cycle Battery Sales Quantity by Manufacturer (2018-2023) & (K Units) Table 79. Global AGM Super Cycle Battery Revenue by Manufacturer (2018-2023) & (USD Million) Table 80. Global AGM Super Cycle Battery Average Price by Manufacturer (2018-2023) & (US\$/Unit) Table 81. Market Position of Manufacturers in AGM Super Cycle Battery, (Tier 1, Tier 2,

and Tier 3), Based on Consumption Value in 2022



Table 82. Head Office and AGM Super Cycle Battery Production Site of Key Manufacturer Table 83. AGM Super Cycle Battery Market: Company Product Type Footprint Table 84. AGM Super Cycle Battery Market: Company Product Application Footprint Table 85. AGM Super Cycle Battery New Market Entrants and Barriers to Market Entry Table 86. AGM Super Cycle Battery Mergers, Acquisition, Agreements, and Collaborations Table 87. Global AGM Super Cycle Battery Sales Quantity by Region (2018-2023) & (K Units) Table 88. Global AGM Super Cycle Battery Sales Quantity by Region (2024-2029) & (K Units) Table 89. Global AGM Super Cycle Battery Consumption Value by Region (2018-2023) & (USD Million) Table 90. Global AGM Super Cycle Battery Consumption Value by Region (2024-2029) & (USD Million) Table 91. Global AGM Super Cycle Battery Average Price by Region (2018-2023) & (US\$/Unit) Table 92. Global AGM Super Cycle Battery Average Price by Region (2024-2029) & (US\$/Unit) Table 93. Global AGM Super Cycle Battery Sales Quantity by Type (2018-2023) & (K Units) Table 94. Global AGM Super Cycle Battery Sales Quantity by Type (2024-2029) & (K Units) Table 95. Global AGM Super Cycle Battery Consumption Value by Type (2018-2023) & (USD Million) Table 96. Global AGM Super Cycle Battery Consumption Value by Type (2024-2029) & (USD Million) Table 97. Global AGM Super Cycle Battery Average Price by Type (2018-2023) & (US\$/Unit) Table 98. Global AGM Super Cycle Battery Average Price by Type (2024-2029) & (US\$/Unit) Table 99. Global AGM Super Cycle Battery Sales Quantity by Application (2018-2023) & (K Units) Table 100. Global AGM Super Cycle Battery Sales Quantity by Application (2024-2029) & (K Units) Table 101. Global AGM Super Cycle Battery Consumption Value by Application (2018-2023) & (USD Million) Table 102. Global AGM Super Cycle Battery Consumption Value by Application (2024-2029) & (USD Million)



Table 103. Global AGM Super Cycle Battery Average Price by Application (2018-2023) & (US\$/Unit) Table 104. Global AGM Super Cycle Battery Average Price by Application (2024-2029) & (US\$/Unit) Table 105. North America AGM Super Cycle Battery Sales Quantity by Type (2018-2023) & (K Units) Table 106. North America AGM Super Cycle Battery Sales Quantity by Type (2024-2029) & (K Units) Table 107. North America AGM Super Cycle Battery Sales Quantity by Application (2018-2023) & (K Units) Table 108. North America AGM Super Cycle Battery Sales Quantity by Application (2024-2029) & (K Units) Table 109. North America AGM Super Cycle Battery Sales Quantity by Country (2018-2023) & (K Units) Table 110. North America AGM Super Cycle Battery Sales Quantity by Country (2024-2029) & (K Units) Table 111. North America AGM Super Cycle Battery Consumption Value by Country (2018-2023) & (USD Million) Table 112. North America AGM Super Cycle Battery Consumption Value by Country (2024-2029) & (USD Million) Table 113. Europe AGM Super Cycle Battery Sales Quantity by Type (2018-2023) & (K Units)

Table 114. Europe AGM Super Cycle Battery Sales Quantity by Type (2024-2029) & (K Units)

Table 115. Europe AGM Super Cycle Battery Sales Quantity by Application (2018-2023) & (K Units)

Table 116. Europe AGM Super Cycle Battery Sales Quantity by Application (2024-2029) & (K Units)

Table 117. Europe AGM Super Cycle Battery Sales Quantity by Country (2018-2023) & (K Units)

Table 118. Europe AGM Super Cycle Battery Sales Quantity by Country (2024-2029) & (K Units)

Table 119. Europe AGM Super Cycle Battery Consumption Value by Country (2018-2023) & (USD Million)

Table 120. Europe AGM Super Cycle Battery Consumption Value by Country(2024-2029) & (USD Million)

Table 121. Asia-Pacific AGM Super Cycle Battery Sales Quantity by Type (2018-2023) & (K Units)

Table 122. Asia-Pacific AGM Super Cycle Battery Sales Quantity by Type (2024-2029)



& (K Units)

Table 123. Asia-Pacific AGM Super Cycle Battery Sales Quantity by Application (2018-2023) & (K Units)

Table 124. Asia-Pacific AGM Super Cycle Battery Sales Quantity by Application (2024-2029) & (K Units)

Table 125. Asia-Pacific AGM Super Cycle Battery Sales Quantity by Region (2018-2023) & (K Units)

Table 126. Asia-Pacific AGM Super Cycle Battery Sales Quantity by Region (2024-2029) & (K Units)

Table 127. Asia-Pacific AGM Super Cycle Battery Consumption Value by Region (2018-2023) & (USD Million)

Table 128. Asia-Pacific AGM Super Cycle Battery Consumption Value by Region (2024-2029) & (USD Million)

Table 129. South America AGM Super Cycle Battery Sales Quantity by Type (2018-2023) & (K Units)

Table 130. South America AGM Super Cycle Battery Sales Quantity by Type (2024-2029) & (K Units)

Table 131. South America AGM Super Cycle Battery Sales Quantity by Application (2018-2023) & (K Units)

Table 132. South America AGM Super Cycle Battery Sales Quantity by Application (2024-2029) & (K Units)

Table 133. South America AGM Super Cycle Battery Sales Quantity by Country (2018-2023) & (K Units)

Table 134. South America AGM Super Cycle Battery Sales Quantity by Country (2024-2029) & (K Units)

Table 135. South America AGM Super Cycle Battery Consumption Value by Country (2018-2023) & (USD Million)

Table 136. South America AGM Super Cycle Battery Consumption Value by Country (2024-2029) & (USD Million)

Table 137. Middle East & Africa AGM Super Cycle Battery Sales Quantity by Type (2018-2023) & (K Units)

Table 138. Middle East & Africa AGM Super Cycle Battery Sales Quantity by Type (2024-2029) & (K Units)

Table 139. Middle East & Africa AGM Super Cycle Battery Sales Quantity byApplication (2018-2023) & (K Units)

Table 140. Middle East & Africa AGM Super Cycle Battery Sales Quantity by Application (2024-2029) & (K Units)

Table 141. Middle East & Africa AGM Super Cycle Battery Sales Quantity by Region (2018-2023) & (K Units)



Table 142. Middle East & Africa AGM Super Cycle Battery Sales Quantity by Region (2024-2029) & (K Units)

Table 143. Middle East & Africa AGM Super Cycle Battery Consumption Value by Region (2018-2023) & (USD Million)

Table 144. Middle East & Africa AGM Super Cycle Battery Consumption Value by Region (2024-2029) & (USD Million)

Table 145. AGM Super Cycle Battery Raw Material

Table 146. Key Manufacturers of AGM Super Cycle Battery Raw Materials

Table 147. AGM Super Cycle Battery Typical Distributors

Table 148. AGM Super Cycle Battery Typical Customers



List Of Figures

LIST OF FIGURES

Figure 1. AGM Super Cycle Battery Picture

Figure 2. Global AGM Super Cycle Battery Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 3. Global AGM Super Cycle Battery Consumption Value Market Share by Type in 2022

Figure 4. Lead-Calcium Examples

Figure 5. Thin Plate Pure Lead (TPPL) Examples

Figure 6. Global AGM Super Cycle Battery Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 7. Global AGM Super Cycle Battery Consumption Value Market Share by Application in 2022

Figure 8. Motorcycles Examples

Figure 9. Aircraft Examples

Figure 10. Submarine Examples

Figure 11. Mobile Power Examples

Figure 12. Automobile Examples

Figure 13. Other Examples

Figure 14. Global AGM Super Cycle Battery Consumption Value, (USD Million): 2018 & 2022 & 2029

Figure 15. Global AGM Super Cycle Battery Consumption Value and Forecast (2018-2029) & (USD Million)

Figure 16. Global AGM Super Cycle Battery Sales Quantity (2018-2029) & (K Units)

Figure 17. Global AGM Super Cycle Battery Average Price (2018-2029) & (US\$/Unit)

Figure 18. Global AGM Super Cycle Battery Sales Quantity Market Share by Manufacturer in 2022

Figure 19. Global AGM Super Cycle Battery Consumption Value Market Share by Manufacturer in 2022

Figure 20. Producer Shipments of AGM Super Cycle Battery by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021

Figure 21. Top 3 AGM Super Cycle Battery Manufacturer (Consumption Value) Market Share in 2022

Figure 22. Top 6 AGM Super Cycle Battery Manufacturer (Consumption Value) Market Share in 2022

Figure 23. Global AGM Super Cycle Battery Sales Quantity Market Share by Region (2018-2029)



Figure 24. Global AGM Super Cycle Battery Consumption Value Market Share by Region (2018-2029)

Figure 25. North America AGM Super Cycle Battery Consumption Value (2018-2029) & (USD Million)

Figure 26. Europe AGM Super Cycle Battery Consumption Value (2018-2029) & (USD Million)

Figure 27. Asia-Pacific AGM Super Cycle Battery Consumption Value (2018-2029) & (USD Million)

Figure 28. South America AGM Super Cycle Battery Consumption Value (2018-2029) & (USD Million)

Figure 29. Middle East & Africa AGM Super Cycle Battery Consumption Value (2018-2029) & (USD Million)

Figure 30. Global AGM Super Cycle Battery Sales Quantity Market Share by Type (2018-2029)

Figure 31. Global AGM Super Cycle Battery Consumption Value Market Share by Type (2018-2029)

Figure 32. Global AGM Super Cycle Battery Average Price by Type (2018-2029) & (US\$/Unit)

Figure 33. Global AGM Super Cycle Battery Sales Quantity Market Share by Application (2018-2029)

Figure 34. Global AGM Super Cycle Battery Consumption Value Market Share by Application (2018-2029)

Figure 35. Global AGM Super Cycle Battery Average Price by Application (2018-2029) & (US\$/Unit)

Figure 36. North America AGM Super Cycle Battery Sales Quantity Market Share by Type (2018-2029)

Figure 37. North America AGM Super Cycle Battery Sales Quantity Market Share by Application (2018-2029)

Figure 38. North America AGM Super Cycle Battery Sales Quantity Market Share by Country (2018-2029)

Figure 39. North America AGM Super Cycle Battery Consumption Value Market Share by Country (2018-2029)

Figure 40. United States AGM Super Cycle Battery Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 41. Canada AGM Super Cycle Battery Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 42. Mexico AGM Super Cycle Battery Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 43. Europe AGM Super Cycle Battery Sales Quantity Market Share by Type



(2018-2029)

Figure 44. Europe AGM Super Cycle Battery Sales Quantity Market Share by Application (2018-2029)

Figure 45. Europe AGM Super Cycle Battery Sales Quantity Market Share by Country (2018-2029)

Figure 46. Europe AGM Super Cycle Battery Consumption Value Market Share by Country (2018-2029)

Figure 47. Germany AGM Super Cycle Battery Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 48. France AGM Super Cycle Battery Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. United Kingdom AGM Super Cycle Battery Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. Russia AGM Super Cycle Battery Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 51. Italy AGM Super Cycle Battery Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 52. Asia-Pacific AGM Super Cycle Battery Sales Quantity Market Share by Type (2018-2029)

Figure 53. Asia-Pacific AGM Super Cycle Battery Sales Quantity Market Share by Application (2018-2029)

Figure 54. Asia-Pacific AGM Super Cycle Battery Sales Quantity Market Share by Region (2018-2029)

Figure 55. Asia-Pacific AGM Super Cycle Battery Consumption Value Market Share by Region (2018-2029)

Figure 56. China AGM Super Cycle Battery Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 57. Japan AGM Super Cycle Battery Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. Korea AGM Super Cycle Battery Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. India AGM Super Cycle Battery Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. Southeast Asia AGM Super Cycle Battery Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 61. Australia AGM Super Cycle Battery Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 62. South America AGM Super Cycle Battery Sales Quantity Market Share by Type (2018-2029)



Figure 63. South America AGM Super Cycle Battery Sales Quantity Market Share by Application (2018-2029)

Figure 64. South America AGM Super Cycle Battery Sales Quantity Market Share by Country (2018-2029)

Figure 65. South America AGM Super Cycle Battery Consumption Value Market Share by Country (2018-2029)

Figure 66. Brazil AGM Super Cycle Battery Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 67. Argentina AGM Super Cycle Battery Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 68. Middle East & Africa AGM Super Cycle Battery Sales Quantity Market Share by Type (2018-2029)

Figure 69. Middle East & Africa AGM Super Cycle Battery Sales Quantity Market Share by Application (2018-2029)

Figure 70. Middle East & Africa AGM Super Cycle Battery Sales Quantity Market Share by Region (2018-2029)

Figure 71. Middle East & Africa AGM Super Cycle Battery Consumption Value Market Share by Region (2018-2029)

Figure 72. Turkey AGM Super Cycle Battery Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 73. Egypt AGM Super Cycle Battery Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 74. Saudi Arabia AGM Super Cycle Battery Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 75. South Africa AGM Super Cycle Battery Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 76. AGM Super Cycle Battery Market Drivers

Figure 77. AGM Super Cycle Battery Market Restraints

Figure 78. AGM Super Cycle Battery Market Trends

Figure 79. Porters Five Forces Analysis

Figure 80. Manufacturing Cost Structure Analysis of AGM Super Cycle Battery in 2022

- Figure 81. Manufacturing Process Analysis of AGM Super Cycle Battery
- Figure 82. AGM Super Cycle Battery Industrial Chain

Figure 83. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 84. Direct Channel Pros & Cons

Figure 85. Indirect Channel Pros & Cons

Figure 86. Methodology

Figure 87. Research Process and Data Source



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