

Global Home Solar Energy Storage Battery Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/GBFDA388E248EN.html>

Date: June 2025

Pages: 131

Price: US\$ 3,480.00 (Single User License)

ID: GBFDA388E248EN

Abstracts

According to our (Global Info Research) latest study, the global Home Solar Energy Storage Battery market size was valued at US\$ 8319 million in 2024 and is forecast to a readjusted size of USD 45130 million by 2031 with a CAGR of 27.6% during review period.

China has implemented the Renewable Energy Law since 2006, in which Article 4 clearly states that, the State gives first priority to the exploration of renewable energy. Over the years, various departments of the Chinese government have successively issued a large number of policies, covering production, sales, taxation, subsidies and other aspects. After setting the carbon neutrality goal in 2021, from a national perspective, the upgrading of the energy structure is ever imperative, and therefore the optoelectronic industry has great potential. The European Commission released the Net-Zero Industry Act in 2023. This bill aims to stimulate local manufacturing in Europe, reduce import dependence on China, and ensure that at least 40% of the EU's clean energy demand can be met by 2030. The EU targets an installed solar capacity of 600 GW. Overall, the European market still has a lot of room for development. US 2022 release of the Inflation Reduction Act, which includes \$369 billion for energy security and climate change investments. For the photovoltaic industry, the bill stimulates its development from multiple aspects such as corporate and individual tax credits, production subsidies, and loans throughout the industry chain, and revitalizes the domestic manufacturing industry in the United States. Japanese authorities plan to make solar panels mandatory for new residential buildings in Tokyo from 2025 onwards. It is estimated that by 2030, photovoltaic power generation will account for 14%-16% of Japan's total power generation, and the cumulative installed capacity of photovoltaic systems will be about 117.257 GW.

This report is a detailed and comprehensive analysis for global Home Solar Energy Storage 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 2025, are provided.

Key Features:

Global Home Solar Energy Storage Battery market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Home Solar Energy Storage Battery market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Home Solar Energy Storage Battery market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Home Solar Energy Storage Battery market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

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 Home Solar Energy Storage Battery

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 Home Solar Energy Storage Battery market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key

companies covered as a part of this study include Tesla, LG Energy Solution, sonnen, Huawei, BYD, Panasonic, SENEK, Enphase Energy, VARTA AG, E3/DC, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Home Solar Energy Storage Battery market is split by Type and by Application. For the period 2020-2031, 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

AC Coupled Solar Battery

DC-Coupled Solar Battery

Market segment by Application

Below 10kWh

10-19kWh

20-29kWh

Above 30kWh

Major players covered

Tesla

LG Energy Solution

sonnen

Huawei

BYD

Panasonic

SENEC

Enphase Energy

VARTA AG

E3/DC

Sungrow

Pylontech

BMZ

Generac

SimpliPhi Power

Solax Power

Outback Power (ENERSYS)

Goodwe

Alpha ESS

Growatt New Energy

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Global Home Solar Energy Storage Battery Market 2025 by Manufacturers, Regions, Type and Application, Forecast...

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 Home Solar Energy Storage Battery product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Home Solar Energy Storage Battery, with price, sales quantity, revenue, and global market share of Home Solar Energy Storage Battery from 2020 to 2025.

Chapter 3, the Home Solar Energy Storage Battery competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Home Solar Energy Storage Battery breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

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 2020 to 2025. and Home Solar Energy Storage Battery market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Home Solar

Energy Storage Battery.

Chapter 14 and 15, to describe Home Solar Energy Storage Battery sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Home Solar Energy Storage Battery Consumption Value by Type: 2020 Versus 2024 Versus 2031

1.3.2 AC Coupled Solar Battery

1.3.3 DC-Coupled Solar Battery

1.4 Market Analysis by Application

1.4.1 Overview: Global Home Solar Energy Storage Battery Consumption Value by Application: 2020 Versus 2024 Versus 2031

1.4.2 Below 10kWh

1.4.3 10-19kWh

1.4.4 20-29kWh

1.4.5 Above 30kWh

1.5 Global Home Solar Energy Storage Battery Market Size & Forecast

1.5.1 Global Home Solar Energy Storage Battery Consumption Value (2020 & 2024 & 2031)

1.5.2 Global Home Solar Energy Storage Battery Sales Quantity (2020-2031)

1.5.3 Global Home Solar Energy Storage Battery Average Price (2020-2031)

2 MANUFACTURERS PROFILES

2.1 Tesla

2.1.1 Tesla Details

2.1.2 Tesla Major Business

2.1.3 Tesla Home Solar Energy Storage Battery Product and Services

2.1.4 Tesla Home Solar Energy Storage Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.1.5 Tesla Recent Developments/Updates

2.2 LG Energy Solution

2.2.1 LG Energy Solution Details

2.2.2 LG Energy Solution Major Business

2.2.3 LG Energy Solution Home Solar Energy Storage Battery Product and Services

2.2.4 LG Energy Solution Home Solar Energy Storage Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.2.5 LG Energy Solution Recent Developments/Updates

2.3 sonnen

2.3.1 sonnen Details

2.3.2 sonnen Major Business

2.3.3 sonnen Home Solar Energy Storage Battery Product and Services

2.3.4 sonnen Home Solar Energy Storage Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.3.5 sonnen Recent Developments/Updates

2.4 Huawei

2.4.1 Huawei Details

2.4.2 Huawei Major Business

2.4.3 Huawei Home Solar Energy Storage Battery Product and Services

2.4.4 Huawei Home Solar Energy Storage Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.4.5 Huawei Recent Developments/Updates

2.5 BYD

2.5.1 BYD Details

2.5.2 BYD Major Business

2.5.3 BYD Home Solar Energy Storage Battery Product and Services

2.5.4 BYD Home Solar Energy Storage Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.5.5 BYD Recent Developments/Updates

2.6 Panasonic

2.6.1 Panasonic Details

2.6.2 Panasonic Major Business

2.6.3 Panasonic Home Solar Energy Storage Battery Product and Services

2.6.4 Panasonic Home Solar Energy Storage Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.6.5 Panasonic Recent Developments/Updates

2.7 SENEK

2.7.1 SENEK Details

2.7.2 SENEK Major Business

2.7.3 SENEK Home Solar Energy Storage Battery Product and Services

2.7.4 SENEK Home Solar Energy Storage Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.7.5 SENEK Recent Developments/Updates

2.8 Enphase Energy

2.8.1 Enphase Energy Details

2.8.2 Enphase Energy Major Business

- 2.8.3 Enphase Energy Home Solar Energy Storage Battery Product and Services
- 2.8.4 Enphase Energy Home Solar Energy Storage Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.8.5 Enphase Energy Recent Developments/Updates
- 2.9 VARTA AG
 - 2.9.1 VARTA AG Details
 - 2.9.2 VARTA AG Major Business
 - 2.9.3 VARTA AG Home Solar Energy Storage Battery Product and Services
 - 2.9.4 VARTA AG Home Solar Energy Storage Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.9.5 VARTA AG Recent Developments/Updates
- 2.10 E3/DC
 - 2.10.1 E3/DC Details
 - 2.10.2 E3/DC Major Business
 - 2.10.3 E3/DC Home Solar Energy Storage Battery Product and Services
 - 2.10.4 E3/DC Home Solar Energy Storage Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.10.5 E3/DC Recent Developments/Updates
- 2.11 Sungrow
 - 2.11.1 Sungrow Details
 - 2.11.2 Sungrow Major Business
 - 2.11.3 Sungrow Home Solar Energy Storage Battery Product and Services
 - 2.11.4 Sungrow Home Solar Energy Storage Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.11.5 Sungrow Recent Developments/Updates
- 2.12 Pylontech
 - 2.12.1 Pylontech Details
 - 2.12.2 Pylontech Major Business
 - 2.12.3 Pylontech Home Solar Energy Storage Battery Product and Services
 - 2.12.4 Pylontech Home Solar Energy Storage Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.12.5 Pylontech Recent Developments/Updates
- 2.13 BMZ
 - 2.13.1 BMZ Details
 - 2.13.2 BMZ Major Business
 - 2.13.3 BMZ Home Solar Energy Storage Battery Product and Services
 - 2.13.4 BMZ Home Solar Energy Storage Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.13.5 BMZ Recent Developments/Updates

2.14 Generac

2.14.1 Generac Details

2.14.2 Generac Major Business

2.14.3 Generac Home Solar Energy Storage Battery Product and Services

2.14.4 Generac Home Solar Energy Storage Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.14.5 Generac Recent Developments/Updates

2.15 SimpliPhi Power

2.15.1 SimpliPhi Power Details

2.15.2 SimpliPhi Power Major Business

2.15.3 SimpliPhi Power Home Solar Energy Storage Battery Product and Services

2.15.4 SimpliPhi Power Home Solar Energy Storage Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.15.5 SimpliPhi Power Recent Developments/Updates

2.16 Solax Power

2.16.1 Solax Power Details

2.16.2 Solax Power Major Business

2.16.3 Solax Power Home Solar Energy Storage Battery Product and Services

2.16.4 Solax Power Home Solar Energy Storage Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.16.5 Solax Power Recent Developments/Updates

2.17 Outback Power (ENERSYS)

2.17.1 Outback Power (ENERSYS) Details

2.17.2 Outback Power (ENERSYS) Major Business

2.17.3 Outback Power (ENERSYS) Home Solar Energy Storage Battery Product and Services

2.17.4 Outback Power (ENERSYS) Home Solar Energy Storage Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.17.5 Outback Power (ENERSYS) Recent Developments/Updates

2.18 Goodwe

2.18.1 Goodwe Details

2.18.2 Goodwe Major Business

2.18.3 Goodwe Home Solar Energy Storage Battery Product and Services

2.18.4 Goodwe Home Solar Energy Storage Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.18.5 Goodwe Recent Developments/Updates

2.19 Alpha ESS

2.19.1 Alpha ESS Details

2.19.2 Alpha ESS Major Business

- 2.19.3 Alpha ESS Home Solar Energy Storage Battery Product and Services
- 2.19.4 Alpha ESS Home Solar Energy Storage Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.19.5 Alpha ESS Recent Developments/Updates
- 2.20 Growatt New Energy
 - 2.20.1 Growatt New Energy Details
 - 2.20.2 Growatt New Energy Major Business
 - 2.20.3 Growatt New Energy Home Solar Energy Storage Battery Product and Services
 - 2.20.4 Growatt New Energy Home Solar Energy Storage Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.20.5 Growatt New Energy Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: HOME SOLAR ENERGY STORAGE BATTERY BY MANUFACTURER

- 3.1 Global Home Solar Energy Storage Battery Sales Quantity by Manufacturer (2020-2025)
- 3.2 Global Home Solar Energy Storage Battery Revenue by Manufacturer (2020-2025)
- 3.3 Global Home Solar Energy Storage Battery Average Price by Manufacturer (2020-2025)
- 3.4 Market Share Analysis (2024)
 - 3.4.1 Producer Shipments of Home Solar Energy Storage Battery by Manufacturer Revenue (\$MM) and Market Share (%): 2024
 - 3.4.2 Top 3 Home Solar Energy Storage Battery Manufacturer Market Share in 2024
 - 3.4.3 Top 6 Home Solar Energy Storage Battery Manufacturer Market Share in 2024
- 3.5 Home Solar Energy Storage Battery Market: Overall Company Footprint Analysis
 - 3.5.1 Home Solar Energy Storage Battery Market: Region Footprint
 - 3.5.2 Home Solar Energy Storage Battery Market: Company Product Type Footprint
 - 3.5.3 Home Solar Energy Storage 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 Home Solar Energy Storage Battery Market Size by Region
 - 4.1.1 Global Home Solar Energy Storage Battery Sales Quantity by Region (2020-2031)
 - 4.1.2 Global Home Solar Energy Storage Battery Consumption Value by Region

(2020-2031)

4.1.3 Global Home Solar Energy Storage Battery Average Price by Region

(2020-2031)

4.2 North America Home Solar Energy Storage Battery Consumption Value

(2020-2031)

4.3 Europe Home Solar Energy Storage Battery Consumption Value (2020-2031)

4.4 Asia-Pacific Home Solar Energy Storage Battery Consumption Value (2020-2031)

4.5 South America Home Solar Energy Storage Battery Consumption Value

(2020-2031)

4.6 Middle East & Africa Home Solar Energy Storage Battery Consumption Value

(2020-2031)

5 MARKET SEGMENT BY TYPE

5.1 Global Home Solar Energy Storage Battery Sales Quantity by Type (2020-2031)

5.2 Global Home Solar Energy Storage Battery Consumption Value by Type

(2020-2031)

5.3 Global Home Solar Energy Storage Battery Average Price by Type (2020-2031)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Home Solar Energy Storage Battery Sales Quantity by Application

(2020-2031)

6.2 Global Home Solar Energy Storage Battery Consumption Value by Application

(2020-2031)

6.3 Global Home Solar Energy Storage Battery Average Price by Application

(2020-2031)

7 NORTH AMERICA

7.1 North America Home Solar Energy Storage Battery Sales Quantity by Type

(2020-2031)

7.2 North America Home Solar Energy Storage Battery Sales Quantity by Application

(2020-2031)

7.3 North America Home Solar Energy Storage Battery Market Size by Country

7.3.1 North America Home Solar Energy Storage Battery Sales Quantity by Country

(2020-2031)

7.3.2 North America Home Solar Energy Storage Battery Consumption Value by

Country (2020-2031)

7.3.3 United States Market Size and Forecast (2020-2031)

7.3.4 Canada Market Size and Forecast (2020-2031)

7.3.5 Mexico Market Size and Forecast (2020-2031)

8 EUROPE

8.1 Europe Home Solar Energy Storage Battery Sales Quantity by Type (2020-2031)

8.2 Europe Home Solar Energy Storage Battery Sales Quantity by Application
(2020-2031)

8.3 Europe Home Solar Energy Storage Battery Market Size by Country

8.3.1 Europe Home Solar Energy Storage Battery Sales Quantity by Country
(2020-2031)

8.3.2 Europe Home Solar Energy Storage Battery Consumption Value by Country
(2020-2031)

8.3.3 Germany Market Size and Forecast (2020-2031)

8.3.4 France Market Size and Forecast (2020-2031)

8.3.5 United Kingdom Market Size and Forecast (2020-2031)

8.3.6 Russia Market Size and Forecast (2020-2031)

8.3.7 Italy Market Size and Forecast (2020-2031)

9 ASIA-PACIFIC

9.1 Asia-Pacific Home Solar Energy Storage Battery Sales Quantity by Type
(2020-2031)

9.2 Asia-Pacific Home Solar Energy Storage Battery Sales Quantity by Application
(2020-2031)

9.3 Asia-Pacific Home Solar Energy Storage Battery Market Size by Region

9.3.1 Asia-Pacific Home Solar Energy Storage Battery Sales Quantity by Region
(2020-2031)

9.3.2 Asia-Pacific Home Solar Energy Storage Battery Consumption Value by Region
(2020-2031)

9.3.3 China Market Size and Forecast (2020-2031)

9.3.4 Japan Market Size and Forecast (2020-2031)

9.3.5 South Korea Market Size and Forecast (2020-2031)

9.3.6 India Market Size and Forecast (2020-2031)

9.3.7 Southeast Asia Market Size and Forecast (2020-2031)

9.3.8 Australia Market Size and Forecast (2020-2031)

10 SOUTH AMERICA

10.1 South America Home Solar Energy Storage Battery Sales Quantity by Type (2020-2031)

10.2 South America Home Solar Energy Storage Battery Sales Quantity by Application (2020-2031)

10.3 South America Home Solar Energy Storage Battery Market Size by Country

10.3.1 South America Home Solar Energy Storage Battery Sales Quantity by Country (2020-2031)

10.3.2 South America Home Solar Energy Storage Battery Consumption Value by Country (2020-2031)

10.3.3 Brazil Market Size and Forecast (2020-2031)

10.3.4 Argentina Market Size and Forecast (2020-2031)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Home Solar Energy Storage Battery Sales Quantity by Type (2020-2031)

11.2 Middle East & Africa Home Solar Energy Storage Battery Sales Quantity by Application (2020-2031)

11.3 Middle East & Africa Home Solar Energy Storage Battery Market Size by Country

11.3.1 Middle East & Africa Home Solar Energy Storage Battery Sales Quantity by Country (2020-2031)

11.3.2 Middle East & Africa Home Solar Energy Storage Battery Consumption Value by Country (2020-2031)

11.3.3 Turkey Market Size and Forecast (2020-2031)

11.3.4 Egypt Market Size and Forecast (2020-2031)

11.3.5 Saudi Arabia Market Size and Forecast (2020-2031)

11.3.6 South Africa Market Size and Forecast (2020-2031)

12 MARKET DYNAMICS

12.1 Home Solar Energy Storage Battery Market Drivers

12.2 Home Solar Energy Storage Battery Market Restraints

12.3 Home Solar Energy Storage 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

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Home Solar Energy Storage Battery and Key Manufacturers

13.2 Manufacturing Costs Percentage of Home Solar Energy Storage Battery

13.3 Home Solar Energy Storage Battery Production Process

13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Home Solar Energy Storage Battery Typical Distributors

14.3 Home Solar Energy Storage 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 Home Solar Energy Storage Battery Consumption Value by Type, (USD Million), 2020 & 2024 & 2031

Table 2. Global Home Solar Energy Storage Battery Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Table 3. Tesla Basic Information, Manufacturing Base and Competitors

Table 4. Tesla Major Business

Table 5. Tesla Home Solar Energy Storage Battery Product and Services

Table 6. Tesla Home Solar Energy Storage Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 7. Tesla Recent Developments/Updates

Table 8. LG Energy Solution Basic Information, Manufacturing Base and Competitors

Table 9. LG Energy Solution Major Business

Table 10. LG Energy Solution Home Solar Energy Storage Battery Product and Services

Table 11. LG Energy Solution Home Solar Energy Storage Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. LG Energy Solution Recent Developments/Updates

Table 13. sonnen Basic Information, Manufacturing Base and Competitors

Table 14. sonnen Major Business

Table 15. sonnen Home Solar Energy Storage Battery Product and Services

Table 16. sonnen Home Solar Energy Storage Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 17. sonnen Recent Developments/Updates

Table 18. Huawei Basic Information, Manufacturing Base and Competitors

Table 19. Huawei Major Business

Table 20. Huawei Home Solar Energy Storage Battery Product and Services

Table 21. Huawei Home Solar Energy Storage Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 22. Huawei Recent Developments/Updates

Table 23. BYD Basic Information, Manufacturing Base and Competitors

Table 24. BYD Major Business

Table 25. BYD Home Solar Energy Storage Battery Product and Services

Table 26. BYD Home Solar Energy Storage Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 27. BYD Recent Developments/Updates

Table 28. Panasonic Basic Information, Manufacturing Base and Competitors

Table 29. Panasonic Major Business

Table 30. Panasonic Home Solar Energy Storage Battery Product and Services

Table 31. Panasonic Home Solar Energy Storage Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 32. Panasonic Recent Developments/Updates

Table 33. SENEK Basic Information, Manufacturing Base and Competitors

Table 34. SENEK Major Business

Table 35. SENEK Home Solar Energy Storage Battery Product and Services

Table 36. SENEK Home Solar Energy Storage Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 37. SENEK Recent Developments/Updates

Table 38. Enphase Energy Basic Information, Manufacturing Base and Competitors

Table 39. Enphase Energy Major Business

Table 40. Enphase Energy Home Solar Energy Storage Battery Product and Services

Table 41. Enphase Energy Home Solar Energy Storage Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 42. Enphase Energy Recent Developments/Updates

Table 43. VARTA AG Basic Information, Manufacturing Base and Competitors

Table 44. VARTA AG Major Business

Table 45. VARTA AG Home Solar Energy Storage Battery Product and Services

Table 46. VARTA AG Home Solar Energy Storage Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 47. VARTA AG Recent Developments/Updates

Table 48. E3/DC Basic Information, Manufacturing Base and Competitors

Table 49. E3/DC Major Business

Table 50. E3/DC Home Solar Energy Storage Battery Product and Services

Table 51. E3/DC Home Solar Energy Storage Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 52. E3/DC Recent Developments/Updates

Table 53. Sungrow Basic Information, Manufacturing Base and Competitors

Table 54. Sungrow Major Business

Table 55. Sungrow Home Solar Energy Storage Battery Product and Services

Table 56. Sungrow Home Solar Energy Storage Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 57. Sungrow Recent Developments/Updates

Table 58. Pylontech Basic Information, Manufacturing Base and Competitors

Table 59. Pylontech Major Business

Table 60. Pylontech Home Solar Energy Storage Battery Product and Services

Table 61. Pylontech Home Solar Energy Storage Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 62. Pylontech Recent Developments/Updates

Table 63. BMZ Basic Information, Manufacturing Base and Competitors

Table 64. BMZ Major Business

Table 65. BMZ Home Solar Energy Storage Battery Product and Services

Table 66. BMZ Home Solar Energy Storage Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 67. BMZ Recent Developments/Updates

Table 68. Generac Basic Information, Manufacturing Base and Competitors

Table 69. Generac Major Business

Table 70. Generac Home Solar Energy Storage Battery Product and Services

Table 71. Generac Home Solar Energy Storage Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 72. Generac Recent Developments/Updates

Table 73. SimpliPhi Power Basic Information, Manufacturing Base and Competitors

Table 74. SimpliPhi Power Major Business

Table 75. SimpliPhi Power Home Solar Energy Storage Battery Product and Services

Table 76. SimpliPhi Power Home Solar Energy Storage Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 77. SimpliPhi Power Recent Developments/Updates

Table 78. Solax Power Basic Information, Manufacturing Base and Competitors

Table 79. Solax Power Major Business

Table 80. Solax Power Home Solar Energy Storage Battery Product and Services

Table 81. Solax Power Home Solar Energy Storage Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 82. Solax Power Recent Developments/Updates

Table 83. Outback Power (ENERSYS) Basic Information, Manufacturing Base and Competitors

Table 84. Outback Power (ENERSYS) Major Business

Table 85. Outback Power (ENERSYS) Home Solar Energy Storage Battery Product and Services

Table 86. Outback Power (ENERSYS) Home Solar Energy Storage Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 87. Outback Power (ENERSYS) Recent Developments/Updates

Table 88. Goodwe Basic Information, Manufacturing Base and Competitors

Table 89. Goodwe Major Business

Table 90. Goodwe Home Solar Energy Storage Battery Product and Services

Table 91. Goodwe Home Solar Energy Storage Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 92. Goodwe Recent Developments/Updates

Table 93. Alpha ESS Basic Information, Manufacturing Base and Competitors

Table 94. Alpha ESS Major Business

Table 95. Alpha ESS Home Solar Energy Storage Battery Product and Services

Table 96. Alpha ESS Home Solar Energy Storage Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 97. Alpha ESS Recent Developments/Updates

Table 98. Growatt New Energy Basic Information, Manufacturing Base and Competitors

Table 99. Growatt New Energy Major Business

Table 100. Growatt New Energy Home Solar Energy Storage Battery Product and Services

Table 101. Growatt New Energy Home Solar Energy Storage Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 102. Growatt New Energy Recent Developments/Updates

Table 103. Global Home Solar Energy Storage Battery Sales Quantity by Manufacturer (2020-2025) & (K Units)

Table 104. Global Home Solar Energy Storage Battery Revenue by Manufacturer (2020-2025) & (USD Million)

Table 105. Global Home Solar Energy Storage Battery Average Price by Manufacturer (2020-2025) & (US\$/Unit)

Table 106. Market Position of Manufacturers in Home Solar Energy Storage Battery, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024

Table 107. Head Office and Home Solar Energy Storage Battery Production Site of Key Manufacturer

Table 108. Home Solar Energy Storage Battery Market: Company Product Type Footprint

Table 109. Home Solar Energy Storage Battery Market: Company Product Application Footprint

Table 110. Home Solar Energy Storage Battery New Market Entrants and Barriers to Market Entry

Table 111. Home Solar Energy Storage Battery Mergers, Acquisition, Agreements, and Collaborations

Table 112. Global Home Solar Energy Storage Battery Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR

Table 113. Global Home Solar Energy Storage Battery Sales Quantity by Region (2020-2025) & (K Units)

Table 114. Global Home Solar Energy Storage Battery Sales Quantity by Region (2026-2031) & (K Units)

Table 115. Global Home Solar Energy Storage Battery Consumption Value by Region (2020-2025) & (USD Million)

Table 116. Global Home Solar Energy Storage Battery Consumption Value by Region (2026-2031) & (USD Million)

Table 117. Global Home Solar Energy Storage Battery Average Price by Region (2020-2025) & (US\$/Unit)

Table 118. Global Home Solar Energy Storage Battery Average Price by Region (2026-2031) & (US\$/Unit)

Table 119. Global Home Solar Energy Storage Battery Sales Quantity by Type (2020-2025) & (K Units)

Table 120. Global Home Solar Energy Storage Battery Sales Quantity by Type (2026-2031) & (K Units)

Table 121. Global Home Solar Energy Storage Battery Consumption Value by Type (2020-2025) & (USD Million)

Table 122. Global Home Solar Energy Storage Battery Consumption Value by Type (2026-2031) & (USD Million)

Table 123. Global Home Solar Energy Storage Battery Average Price by Type (2020-2025) & (US\$/Unit)

Table 124. Global Home Solar Energy Storage Battery Average Price by Type (2026-2031) & (US\$/Unit)

Table 125. Global Home Solar Energy Storage Battery Sales Quantity by Application (2020-2025) & (K Units)

Table 126. Global Home Solar Energy Storage Battery Sales Quantity by Application

(2026-2031) & (K Units)

Table 127. Global Home Solar Energy Storage Battery Consumption Value by Application (2020-2025) & (USD Million)

Table 128. Global Home Solar Energy Storage Battery Consumption Value by Application (2026-2031) & (USD Million)

Table 129. Global Home Solar Energy Storage Battery Average Price by Application (2020-2025) & (US\$/Unit)

Table 130. Global Home Solar Energy Storage Battery Average Price by Application (2026-2031) & (US\$/Unit)

Table 131. North America Home Solar Energy Storage Battery Sales Quantity by Type (2020-2025) & (K Units)

Table 132. North America Home Solar Energy Storage Battery Sales Quantity by Type (2026-2031) & (K Units)

Table 133. North America Home Solar Energy Storage Battery Sales Quantity by Application (2020-2025) & (K Units)

Table 134. North America Home Solar Energy Storage Battery Sales Quantity by Application (2026-2031) & (K Units)

Table 135. North America Home Solar Energy Storage Battery Sales Quantity by Country (2020-2025) & (K Units)

Table 136. North America Home Solar Energy Storage Battery Sales Quantity by Country (2026-2031) & (K Units)

Table 137. North America Home Solar Energy Storage Battery Consumption Value by Country (2020-2025) & (USD Million)

Table 138. North America Home Solar Energy Storage Battery Consumption Value by Country (2026-2031) & (USD Million)

Table 139. Europe Home Solar Energy Storage Battery Sales Quantity by Type (2020-2025) & (K Units)

Table 140. Europe Home Solar Energy Storage Battery Sales Quantity by Type (2026-2031) & (K Units)

Table 141. Europe Home Solar Energy Storage Battery Sales Quantity by Application (2020-2025) & (K Units)

Table 142. Europe Home Solar Energy Storage Battery Sales Quantity by Application (2026-2031) & (K Units)

Table 143. Europe Home Solar Energy Storage Battery Sales Quantity by Country (2020-2025) & (K Units)

Table 144. Europe Home Solar Energy Storage Battery Sales Quantity by Country (2026-2031) & (K Units)

Table 145. Europe Home Solar Energy Storage Battery Consumption Value by Country (2020-2025) & (USD Million)

Table 146. Europe Home Solar Energy Storage Battery Consumption Value by Country (2026-2031) & (USD Million)

Table 147. Asia-Pacific Home Solar Energy Storage Battery Sales Quantity by Type (2020-2025) & (K Units)

Table 148. Asia-Pacific Home Solar Energy Storage Battery Sales Quantity by Type (2026-2031) & (K Units)

Table 149. Asia-Pacific Home Solar Energy Storage Battery Sales Quantity by Application (2020-2025) & (K Units)

Table 150. Asia-Pacific Home Solar Energy Storage Battery Sales Quantity by Application (2026-2031) & (K Units)

Table 151. Asia-Pacific Home Solar Energy Storage Battery Sales Quantity by Region (2020-2025) & (K Units)

Table 152. Asia-Pacific Home Solar Energy Storage Battery Sales Quantity by Region (2026-2031) & (K Units)

Table 153. Asia-Pacific Home Solar Energy Storage Battery Consumption Value by Region (2020-2025) & (USD Million)

Table 154. Asia-Pacific Home Solar Energy Storage Battery Consumption Value by Region (2026-2031) & (USD Million)

Table 155. South America Home Solar Energy Storage Battery Sales Quantity by Type (2020-2025) & (K Units)

Table 156. South America Home Solar Energy Storage Battery Sales Quantity by Type (2026-2031) & (K Units)

Table 157. South America Home Solar Energy Storage Battery Sales Quantity by Application (2020-2025) & (K Units)

Table 158. South America Home Solar Energy Storage Battery Sales Quantity by Application (2026-2031) & (K Units)

Table 159. South America Home Solar Energy Storage Battery Sales Quantity by Country (2020-2025) & (K Units)

Table 160. South America Home Solar Energy Storage Battery Sales Quantity by Country (2026-2031) & (K Units)

Table 161. South America Home Solar Energy Storage Battery Consumption Value by Country (2020-2025) & (USD Million)

Table 162. South America Home Solar Energy Storage Battery Consumption Value by Country (2026-2031) & (USD Million)

Table 163. Middle East & Africa Home Solar Energy Storage Battery Sales Quantity by Type (2020-2025) & (K Units)

Table 164. Middle East & Africa Home Solar Energy Storage Battery Sales Quantity by Type (2026-2031) & (K Units)

Table 165. Middle East & Africa Home Solar Energy Storage Battery Sales Quantity by

Application (2020-2025) & (K Units)

Table 166. Middle East & Africa Home Solar Energy Storage Battery Sales Quantity by Application (2026-2031) & (K Units)

Table 167. Middle East & Africa Home Solar Energy Storage Battery Sales Quantity by Country (2020-2025) & (K Units)

Table 168. Middle East & Africa Home Solar Energy Storage Battery Sales Quantity by Country (2026-2031) & (K Units)

Table 169. Middle East & Africa Home Solar Energy Storage Battery Consumption Value by Country (2020-2025) & (USD Million)

Table 170. Middle East & Africa Home Solar Energy Storage Battery Consumption Value by Country (2026-2031) & (USD Million)

Table 171. Home Solar Energy Storage Battery Raw Material

Table 172. Key Manufacturers of Home Solar Energy Storage Battery Raw Materials

Table 173. Home Solar Energy Storage Battery Typical Distributors

Table 174. Home Solar Energy Storage Battery Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Home Solar Energy Storage Battery Picture
- Figure 2. Global Home Solar Energy Storage Battery Revenue by Type, (USD Million), 2020 & 2024 & 2031
- Figure 3. Global Home Solar Energy Storage Battery Revenue Market Share by Type in 2024
- Figure 4. AC Coupled Solar Battery Examples
- Figure 5. DC-Coupled Solar Battery Examples
- Figure 6. Global Home Solar Energy Storage Battery Consumption Value by Application, (USD Million), 2020 & 2024 & 2031
- Figure 7. Global Home Solar Energy Storage Battery Revenue Market Share by Application in 2024
- Figure 8. Below 10kWh Examples
- Figure 9. 10-19kWh Examples
- Figure 10. 20-29kWh Examples
- Figure 11. Above 30kWh Examples
- Figure 12. Global Home Solar Energy Storage Battery Consumption Value, (USD Million): 2020 & 2024 & 2031
- Figure 13. Global Home Solar Energy Storage Battery Consumption Value and Forecast (2020-2031) & (USD Million)
- Figure 14. Global Home Solar Energy Storage Battery Sales Quantity (2020-2031) & (K Units)
- Figure 15. Global Home Solar Energy Storage Battery Price (2020-2031) & (US\$/Unit)
- Figure 16. Global Home Solar Energy Storage Battery Sales Quantity Market Share by Manufacturer in 2024
- Figure 17. Global Home Solar Energy Storage Battery Revenue Market Share by Manufacturer in 2024
- Figure 18. Producer Shipments of Home Solar Energy Storage Battery by Manufacturer Sales (\$MM) and Market Share (%): 2024
- Figure 19. Top 3 Home Solar Energy Storage Battery Manufacturer (Revenue) Market Share in 2024
- Figure 20. Top 6 Home Solar Energy Storage Battery Manufacturer (Revenue) Market Share in 2024
- Figure 21. Global Home Solar Energy Storage Battery Sales Quantity Market Share by Region (2020-2031)
- Figure 22. Global Home Solar Energy Storage Battery Consumption Value Market

Share by Region (2020-2031)

Figure 23. North America Home Solar Energy Storage Battery Consumption Value (2020-2031) & (USD Million)

Figure 24. Europe Home Solar Energy Storage Battery Consumption Value (2020-2031) & (USD Million)

Figure 25. Asia-Pacific Home Solar Energy Storage Battery Consumption Value (2020-2031) & (USD Million)

Figure 26. South America Home Solar Energy Storage Battery Consumption Value (2020-2031) & (USD Million)

Figure 27. Middle East & Africa Home Solar Energy Storage Battery Consumption Value (2020-2031) & (USD Million)

Figure 28. Global Home Solar Energy Storage Battery Sales Quantity Market Share by Type (2020-2031)

Figure 29. Global Home Solar Energy Storage Battery Consumption Value Market Share by Type (2020-2031)

Figure 30. Global Home Solar Energy Storage Battery Average Price by Type (2020-2031) & (US\$/Unit)

Figure 31. Global Home Solar Energy Storage Battery Sales Quantity Market Share by Application (2020-2031)

Figure 32. Global Home Solar Energy Storage Battery Revenue Market Share by Application (2020-2031)

Figure 33. Global Home Solar Energy Storage Battery Average Price by Application (2020-2031) & (US\$/Unit)

Figure 34. North America Home Solar Energy Storage Battery Sales Quantity Market Share by Type (2020-2031)

Figure 35. North America Home Solar Energy Storage Battery Sales Quantity Market Share by Application (2020-2031)

Figure 36. North America Home Solar Energy Storage Battery Sales Quantity Market Share by Country (2020-2031)

Figure 37. North America Home Solar Energy Storage Battery Consumption Value Market Share by Country (2020-2031)

Figure 38. United States Home Solar Energy Storage Battery Consumption Value (2020-2031) & (USD Million)

Figure 39. Canada Home Solar Energy Storage Battery Consumption Value (2020-2031) & (USD Million)

Figure 40. Mexico Home Solar Energy Storage Battery Consumption Value (2020-2031) & (USD Million)

Figure 41. Europe Home Solar Energy Storage Battery Sales Quantity Market Share by Type (2020-2031)

Figure 42. Europe Home Solar Energy Storage Battery Sales Quantity Market Share by Application (2020-2031)

Figure 43. Europe Home Solar Energy Storage Battery Sales Quantity Market Share by Country (2020-2031)

Figure 44. Europe Home Solar Energy Storage Battery Consumption Value Market Share by Country (2020-2031)

Figure 45. Germany Home Solar Energy Storage Battery Consumption Value (2020-2031) & (USD Million)

Figure 46. France Home Solar Energy Storage Battery Consumption Value (2020-2031) & (USD Million)

Figure 47. United Kingdom Home Solar Energy Storage Battery Consumption Value (2020-2031) & (USD Million)

Figure 48. Russia Home Solar Energy Storage Battery Consumption Value (2020-2031) & (USD Million)

Figure 49. Italy Home Solar Energy Storage Battery Consumption Value (2020-2031) & (USD Million)

Figure 50. Asia-Pacific Home Solar Energy Storage Battery Sales Quantity Market Share by Type (2020-2031)

Figure 51. Asia-Pacific Home Solar Energy Storage Battery Sales Quantity Market Share by Application (2020-2031)

Figure 52. Asia-Pacific Home Solar Energy Storage Battery Sales Quantity Market Share by Region (2020-2031)

Figure 53. Asia-Pacific Home Solar Energy Storage Battery Consumption Value Market Share by Region (2020-2031)

Figure 54. China Home Solar Energy Storage Battery Consumption Value (2020-2031) & (USD Million)

Figure 55. Japan Home Solar Energy Storage Battery Consumption Value (2020-2031) & (USD Million)

Figure 56. South Korea Home Solar Energy Storage Battery Consumption Value (2020-2031) & (USD Million)

Figure 57. India Home Solar Energy Storage Battery Consumption Value (2020-2031) & (USD Million)

Figure 58. Southeast Asia Home Solar Energy Storage Battery Consumption Value (2020-2031) & (USD Million)

Figure 59. Australia Home Solar Energy Storage Battery Consumption Value (2020-2031) & (USD Million)

Figure 60. South America Home Solar Energy Storage Battery Sales Quantity Market Share by Type (2020-2031)

Figure 61. South America Home Solar Energy Storage Battery Sales Quantity Market

Share by Application (2020-2031)

Figure 62. South America Home Solar Energy Storage Battery Sales Quantity Market Share by Country (2020-2031)

Figure 63. South America Home Solar Energy Storage Battery Consumption Value Market Share by Country (2020-2031)

Figure 64. Brazil Home Solar Energy Storage Battery Consumption Value (2020-2031) & (USD Million)

Figure 65. Argentina Home Solar Energy Storage Battery Consumption Value (2020-2031) & (USD Million)

Figure 66. Middle East & Africa Home Solar Energy Storage Battery Sales Quantity Market Share by Type (2020-2031)

Figure 67. Middle East & Africa Home Solar Energy Storage Battery Sales Quantity Market Share by Application (2020-2031)

Figure 68. Middle East & Africa Home Solar Energy Storage Battery Sales Quantity Market Share by Country (2020-2031)

Figure 69. Middle East & Africa Home Solar Energy Storage Battery Consumption Value Market Share by Country (2020-2031)

Figure 70. Turkey Home Solar Energy Storage Battery Consumption Value (2020-2031) & (USD Million)

Figure 71. Egypt Home Solar Energy Storage Battery Consumption Value (2020-2031) & (USD Million)

Figure 72. Saudi Arabia Home Solar Energy Storage Battery Consumption Value (2020-2031) & (USD Million)

Figure 73. South Africa Home Solar Energy Storage Battery Consumption Value (2020-2031) & (USD Million)

Figure 74. Home Solar Energy Storage Battery Market Drivers

Figure 75. Home Solar Energy Storage Battery Market Restraints

Figure 76. Home Solar Energy Storage Battery Market Trends

Figure 77. Porters Five Forces Analysis

Figure 78. Manufacturing Cost Structure Analysis of Home Solar Energy Storage Battery in 2024

Figure 79. Manufacturing Process Analysis of Home Solar Energy Storage Battery

Figure 80. Home Solar Energy Storage Battery Industrial Chain

Figure 81. Sales Channel: Direct to End-User vs Distributors

Figure 82. Direct Channel Pros & Cons

Figure 83. Indirect Channel Pros & Cons

Figure 84. Methodology

Figure 85. Research Process and Data Source

I would like to order

Product name: Global Home Solar Energy Storage Battery Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

Product link: <https://marketpublishers.com/r/GBFDA388E248EN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GBFDA388E248EN.html>