+357 96 030922
info@marketpublishers.com

Global Square Power Battery Supply, Demand and Key Producers, 2026-2032

https://marketpublishers.com/r/GB4426CA96A4EN.html
Date: September 2026
Pages: 116
Price: US$ 4,480.00 (Single User License)
ID: GB4426CA96A4EN

Abstracts

The global Square Power Battery market size is expected to reach $ 320457 million by 2032, rising at a market growth of 16.6% CAGR during the forecast period (2026-2032).

Square Power Battery refers to a rechargeable automotive traction battery built around rigid rectangular prismatic cells and engineered to provide propulsion energy, peak power, fast charging capability and cycle durability for electrified vehicles. The product typically uses an aluminum or steel housing, wound or stacked electrode structures, and lithium iron phosphate, nickel-manganese-cobalt, nickel-cobalt-aluminum or other emerging cathode chemistries. Product configurations range from conventional prismatic cells to long-format and blade-type cells, with capacities, voltage platforms, thermal designs and charge-discharge rates tailored to passenger cars, plug-in hybrids, range-extended vehicles, buses, trucks and special-purpose vehicles. The research scope covers prismatic cells and their integration into conventional module-based packs, cell-to-pack and cell-to-body or cell-to-chassis systems. Market volume is measured by battery energy shipped in GWh, while market value is assessed on a battery-pack-equivalent basis to reflect the combined value of cells, structural components, battery management systems, thermal management and pack integration.

Key Findings

Global square power battery shipments reached approximately 1,046.6 GWh in 2025

Global shipments are forecast to reach approximately 1,289.6 GWh in 2026

+357 96 030922
info@marketpublishers.com

Square batteries represented approximately 70% of global power battery shipments in 2025

The average battery-pack-equivalent price was approximately USD 99 per kWh in 2025

China remained the largest production and demand center for square power batteries

Market Trends

The square power battery industry is moving from conventional module-based designs toward longer cells, blade-type structures and highly integrated cell-to-pack and cell-to-body architectures. These designs reduce inactive structural components, improve volumetric utilization and support lower system cost without relying solely on higher cell-level energy density. CATL reports that successive generations of its cell-to-pack technology increased battery-pack volume utilization from approximately 55% to 72%, while BYD’s blade architecture eliminates the conventional module layer and increases pack space utilization. Product development is simultaneously shifting toward faster charging, stronger thermal-propagation control, longer warranties and multi-chemistry platforms. LFP is becoming the mainstream chemistry for cost-sensitive passenger vehicles and commercial vehicles, while high-nickel NCM and NCA remain relevant where driving range, weight and power density carry greater value. In 2025, LFP accounted for more than half of global EV batteries, reinforcing demand for cost-efficient prismatic formats and integrated pack structures.

Market Dynamics

Drivers

The principal market driver is the continued electrification of passenger and commercial vehicles, supported by wider model availability, declining pack costs and expanding fast-charging infrastructure. Square cells are particularly well positioned because their large-format geometry facilitates direct pack integration, reduces the number of electrical connections and provides automakers with considerable flexibility in battery-platform design. Demand is also supported by increasing adoption of LFP chemistry, which combines lower material cost, strong thermal stability and long cycle life. Commercial

+357 96 030922
info@marketpublishers.com

fleets create an additional source of demand because buses, logistics vehicles and trucks require high-capacity packs, predictable lifecycle economics and durable cell structures. CATL's commercial battery platforms already combine LFP chemistry, cell-to-pack integration and high-rate charging, illustrating the convergence of these demand requirements.

Restraints

The market remains constrained by continued price pressure, capital-intensive manufacturing and uncertainty in capacity utilization. Rapid expansion of battery production has intensified competition and shortened product replacement cycles, requiring manufacturers to invest continually in new cell dimensions, electrode processes, pack platforms and quality-control systems. The transition from standardized modules to proprietary long-format and structural packs can also increase vehicle-platform dependence and reduce interchangeability between customers. Raw-material exposure remains significant even as LFP penetration rises: cathode active material represents approximately 40–50% of NMC cell manufacturing cost and around 25–30% of LFP cell manufacturing cost. Consequently, fluctuations in lithium, nickel, cobalt, graphite and electrolyte prices can affect margins, contract pricing and the economic competitiveness of different chemistries.

Opportunities

The strongest opportunities are emerging in mass-market electric cars, plug-in hybrids, range-extended vehicles and commercial fleets that require an optimized balance of cost, safety, charging speed and usable energy. Long-format LFP and LMFP batteries can extend the competitive reach of square cells into vehicles previously dependent on higher-cost ternary chemistries. Further opportunities are developing around 800-volt platforms, 4C–6C charging, low-temperature performance and hybrid battery systems combining different chemistries or power characteristics. Cell-to-pack, cell-to-body and cell-to-chassis integration also create value beyond the cell by allowing battery suppliers to participate more deeply in vehicle structure, thermal management and system control. CATL, BYD, CALB and CORNEX have each introduced highly integrated or fast-charging battery platforms, demonstrating that competition is expanding from cell supply toward complete vehicle energy-system solutions.

Challenges

+357 96 030922
info@marketpublishers.com

Long-term industry challenges include safety validation under increasingly demanding operating conditions, international regulatory compliance and the difficulty of balancing rapid charging with durability and thermal stability. China's GB 38031-2025 mandatory standard took effect on July 1, 2026, raising the importance of system-level safety design, testing and thermal-event management. In Europe, battery carbon-footprint disclosure, supply-chain due diligence, recycled-material requirements and battery-passport rules are progressively becoming part of market access. Manufacturers must therefore manage performance, traceability and lifecycle compliance alongside cost reduction. Additional risks include customer concentration, delayed vehicle programs, regional trade barriers and technological transitions that can render recently installed production equipment less competitive before it reaches its planned economic life.

Industry Chain Analysis

The upstream industry chain includes lithium, nickel, cobalt, manganese, iron phosphate, graphite, conductive additives, binders, electrolyte salts, solvents, separators, copper foil, aluminum foil and battery-grade structural materials. These inputs are processed into cathode and anode active materials, separators, electrolytes, current collectors and aluminum or steel housings. Material selection determines energy density, safety, charging performance and cost, while consistency in particle morphology, coating quality, moisture control and impurity management directly affects cell yield and lifecycle performance. China accounted for approximately 85% of global cathode active material production and more than 90% of anode active material production used in electric-car batteries in 2025, illustrating the geographic concentration of upstream value creation.

The midstream covers electrode preparation, cell assembly, formation and aging, module or cell-to-pack integration, BMS development, thermal management, structural design and pack testing. Value creation is shifting from individual cell manufacturing toward integrated engineering, because automakers increasingly purchase battery systems optimized for a specific platform rather than standardized cells alone. Downstream customers include passenger-vehicle manufacturers, commercial-vehicle producers, specialist vehicle manufacturers and mobility-platform operators. Profitability depends on manufacturing yield, material procurement, utilization rates, product qualification cycles and the supplier's ability to deliver cells, packs and software as a coordinated system. Recycling and second-life management are becoming increasingly important extensions of the chain as battery-passport, carbon-footprint and producer-responsibility requirements mature.

+357 96 030922
info@marketpublishers.com

Segment Insights

By chemistry, LFP square power batteries form the largest segment, supported by their strong position in China, cost advantage, thermal stability and suitability for high-volume passenger vehicles and commercial fleets. The segment accounts for a majority share of square battery shipments and continues to gain application coverage as pack integration and cell engineering offset part of LFP's lower intrinsic energy density. High-nickel NCM and NCA square batteries retain a meaningful position in premium vehicles, performance-oriented models and applications where weight and driving range justify higher material and thermal-management costs. Samsung SDI's prismatic portfolio illustrates this dual-track strategy, combining high-nickel NCA and NCM solutions with expansion toward mid-nickel and LFP products.

By structure, conventional prismatic cells remain widely used, but long-format, blade-type and high-thickness prismatic cells are gaining share because they improve pack-level utilization and reduce component count. By system architecture, cell-to-pack represents the principal growth direction, while cell-to-body and cell-to-chassis remain more closely tied to specific vehicle platforms. In performance segmentation, fast-charging products are expected to grow faster than standard energy-type batteries as automakers seek shorter charging times without substantially increasing pack size. The market is therefore becoming more differentiated by vehicle platform, charge rate, thermal design and lifecycle requirements rather than by chemistry alone.

Downstream Market Opportunities

Passenger vehicles represent the largest downstream market, with demand increasingly split between low-cost LFP platforms, long-range high-energy systems and fast-charging premium products. Plug-in hybrid and range-extended vehicles offer an attractive opportunity because their smaller packs experience frequent charge-discharge cycles and therefore place greater emphasis on power capability, durability and thermal consistency. Commercial vehicles provide a second major opportunity: electric buses, logistics vans, heavy trucks and special-purpose vehicles require large battery systems, high utilization rates and predictable total cost of ownership. Square batteries are well suited to these applications because their large cell capacity can reduce component count and simplify pack assembly. Further opportunities are emerging in construction machinery, port equipment, mining vehicles and other off-road platforms where structural strength, safety and long service life are more important than

+357 96 030922
info@marketpublishers.com

minimum cell weight.

Regional Insights

China is the largest regional market and production center for square power batteries. In 2025, China accounted for approximately 60% of global EV battery deployment and more than 80% of battery-cell production, supported by a highly integrated supply chain extending from active materials to cells, packs and electric vehicles. The region's high LFP penetration, large domestic vehicle market and broad supplier base reinforce the dominance of square formats. Battery-pack prices in China were approximately 30% lower than in the United States and 35% lower than in Europe in 2025, providing Chinese manufacturers with a substantial cost and export advantage.

Europe remains an important demand market, particularly for premium electric vehicles and increasingly for localized LFP platforms, but regional production faces higher energy, labor and compliance costs. LFP represented more than 10% of EU EV battery demand in 2025, indicating gradual diversification from high-nickel chemistry. North America continues to develop localized battery capacity, although demand and investment decisions are more sensitive to policy changes, customer qualification and local-content economics. Japan and South Korea retain strategic importance in high-quality prismatic batteries, advanced materials and automotive customer relationships, while Southeast Asia, India, Latin America and other emerging markets offer longer-term opportunities through electric two-wheelers, passenger vehicles, buses and localized assembly.

Competitive Landscape Analysis

The competitive landscape is characterized by high concentration at the leading end and a broad second tier of manufacturers seeking vehicle nominations, scale utilization and overseas expansion. CATL and BYD compete through extensive chemistry portfolios, vertical integration, cost control and advanced pack architectures, including cell-to-pack, blade and cell-to-body systems. Samsung SDI is positioned around premium prismatic batteries, high-nickel chemistry and differentiated safety and performance, while Panasonic's prismatic automotive exposure is principally represented through Prime Planet Energy & Solutions, which develops and manufactures high-capacity and high-power automotive prismatic batteries. Gotion High-tech, CALB, EVE Energy, Sunwoda, Farasis Energy, SVOLT Energy, REPT BATTERO,

+357 96 030922
info@marketpublishers.com

JEVE, DFD, Inpai Battery and CORNEX compete through LFP platforms, fast charging, hybrid applications, customer-specific pack development and expanding production scale. Competitive advantage increasingly depends on simultaneous control of chemistry, cell design, manufacturing yield, pack integration, safety validation, software and global delivery. Price competition remains intense, but automakers continue to place significant weight on supply reliability, field safety, lifecycle data and the ability to support multiple vehicle platforms. As a result, partnerships, localization, long-term procurement agreements and joint development programs are becoming as important as nominal cell performance.

Report Scope

This report studies the global Square Power Battery production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Square Power Battery and provides market size (US$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Square Power Battery that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Square Power Battery total production and demand, 2021-2032, (GWh)

Global Square Power Battery total production value, 2021-2032, (USD Million)

Global Square Power Battery production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (GWh), (based on production site)

Global Square Power Battery consumption by region & country, CAGR, 2021-2032 & (GWh)

U.S. VS China: Square Power Battery domestic production, consumption, key domestic manufacturers and share

Global Square Power Battery production by manufacturer, production, price,

+357 96 030922
info@marketpublishers.com

value and market share 2021-2026, (USD Million) & (GWh)

Global Square Power Battery production by Type, production, value, CAGR, 2021-2032, (USD Million) & (GWh)

Global Square Power Battery production by Application, production, value, CAGR, 2021-2032, (USD Million) & (GWh)

This report profiles key players in the global Square Power 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 CATL, BYD, Panasonic, Guoxuan High-tech, Samsung SDI, CALB Group, EVE Energy, Sunwoda, Farasis Energy, SVOLT Energy Technology, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Square Power Battery market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US$ Millions), volume (production, consumption) & (GWh) and average price (US$/KWh) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Square Power Battery Market, By Region:

United States

China

Europe

+357 96 030922
info@marketpublishers.com

Japan

South Korea

ASEAN

India

Rest of World

Market Segmentation

Global Square Power Battery Market, Segmentation by Type:

LFP Battery

NCx Batteries

Others

Global Square Power Battery Market, Segmentation by Process:

Wound Prismatic Battery

Stacked Prismatic Battery

Hybrid Winding-Stacking Prismatic Battery

Global Square Power Battery Market, Segmentation by Charge Rate:

2C Fast Charging Battery

4C Fast Charging Battery

+357 96 030922
info@marketpublishers.com

5C+ Ultra-fast Charging Battery

Global Square Power Battery Market, Segmentation by Application:

Passenger Car

Commercial Vehicle

Companies Profiled:

CATL

BYD

Panasonic

Guoxuan High-tech

Samsung SDI

CALB Group

EVE Energy

Sunwoda

Farasis Energy

SVOLT Energy Technology

REPT BATTERO Energy

Tianjin EV Energies

Do-Fluoride New Materials

+357 96 030922
info@marketpublishers.com

Inpai Battery

Cornex New Energy

Key Questions Answered

1. How big is the global Square Power Battery market?
2. What is the demand of the global Square Power Battery market?
3. What is the year over year growth of the global Square Power Battery market?
4. What is the total value of the global Square Power Battery market?
5. Who are the Major Players in the global Square Power Battery market?
6. What are the growth factors driving the market demand?

+357 96 030922
info@marketpublishers.com

Contents

1 SUPPLY SUMMARY

1.1 Square Power Battery Introduction
1.2 World Square Power Battery Supply & Forecast
  1.2.1 World Square Power Battery Production Value (2021 & 2025 & 2032)
  1.2.2 World Square Power Battery Production (2021-2032)
  1.2.3 World Square Power Battery Pricing Trends (2021-2032)
1.3 World Square Power Battery Production by Region (Based on Production Site)
  1.3.1 World Square Power Battery Production Value by Region (2021-2032)
  1.3.2 World Square Power Battery Production by Region (2021-2032)
  1.3.3 World Square Power Battery Average Price by Region (2021-2032)
  1.3.4 North America Square Power Battery Production (2021-2032)
  1.3.5 Europe Square Power Battery Production (2021-2032)
  1.3.6 China Square Power Battery Production (2021-2032)
  1.3.7 Japan Square Power Battery Production (2021-2032)
  1.3.8 South Korea Square Power Battery Production (2021-2032)
1.4 Market Drivers, Restraints and Trends
  1.4.1 Square Power Battery Market Drivers
  1.4.2 Factors Affecting Demand
  1.4.3 Square Power Battery Major Market Trends

2 DEMAND SUMMARY

2.1 World Square Power Battery Demand (2021-2032)
2.2 World Square Power Battery Consumption by Region
  2.2.1 World Square Power Battery Consumption by Region (2021-2026)
  2.2.2 World Square Power Battery Consumption Forecast by Region (2027-2032)
2.3 United States Square Power Battery Consumption (2021-2032)
2.4 China Square Power Battery Consumption (2021-2032)
2.5 Europe Square Power Battery Consumption (2021-2032)
2.6 Japan Square Power Battery Consumption (2021-2032)
2.7 South Korea Square Power Battery Consumption (2021-2032)
2.8 ASEAN Square Power Battery Consumption (2021-2032)
2.9 India Square Power Battery Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

+357 96 030922
info@marketpublishers.com

3.1 World Square Power Battery Production Value by Manufacturer (2021-2026)
3.2 World Square Power Battery Production by Manufacturer (2021-2026)
3.3 World Square Power Battery Average Price by Manufacturer (2021-2026)
3.4 Square Power Battery Company Evaluation Quadrant
3.5 Industry Rank and Concentration Rate (CR)
3.5.1 Global Square Power Battery Industry Rank of Major Manufacturers
3.5.2 Global Concentration Ratios (CR4) for Square Power Battery in 2025
3.5.3 Global Concentration Ratios (CR8) for Square Power Battery in 2025
3.6 Square Power Battery Market: Overall Company Footprint Analysis
3.6.1 Square Power Battery Market: Region Footprint
3.6.2 Square Power Battery Market: Company Product Type Footprint
3.6.3 Square Power Battery Market: Company Product Application Footprint
3.7 Competitive Environment
3.7.1 Historical Structure of the Industry
3.7.2 Barriers of Market Entry
3.7.3 Factors of Competition
3.8 New Entrant and Capacity Expansion Plans
3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

4.1 United States VS China: Square Power Battery Production Value Comparison
4.1.1 United States VS China: Square Power Battery Production Value Comparison (2021 & 2025 & 2032)
4.1.2 United States VS China: Square Power Battery Production Value Market Share Comparison (2021 & 2025 & 2032)
4.2 United States VS China: Square Power Battery Production Comparison
4.2.1 United States VS China: Square Power Battery Production Comparison (2021 & 2025 & 2032)
4.2.2 United States VS China: Square Power Battery Production Market Share Comparison (2021 & 2025 & 2032)
4.3 United States VS China: Square Power Battery Consumption Comparison
4.3.1 United States VS China: Square Power Battery Consumption Comparison (2021 & 2025 & 2032)
4.3.2 United States VS China: Square Power Battery Consumption Market Share Comparison (2021 & 2025 & 2032)
4.4 United States Based Square Power Battery Manufacturers and Market Share, 2021-2026
4.4.1 United States Based Square Power Battery Manufacturers, Headquarters and

+357 96 030922
info@marketpublishers.com

Production Site (States, Country)
4.4.2 United States Based Manufacturers Square Power Battery Production Value (2021-2026)
4.4.3 United States Based Manufacturers Square Power Battery Production (2021-2026)
4.5 China Based Square Power Battery Manufacturers and Market Share
4.5.1 China Based Square Power Battery Manufacturers, Headquarters and Production Site (Province, Country)
4.5.2 China Based Manufacturers Square Power Battery Production Value (2021-2026)
4.5.3 China Based Manufacturers Square Power Battery Production (2021-2026)
4.6 Rest of World Based Square Power Battery Manufacturers and Market Share, 2021-2026
4.6.1 Rest of World Based Square Power Battery Manufacturers, Headquarters and Production Site (State, Country)
4.6.2 Rest of World Based Manufacturers Square Power Battery Production Value (2021-2026)
4.6.3 Rest of World Based Manufacturers Square Power Battery Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Square Power Battery Market Size Overview by Type: 2021 VS 2025 VS 2032
5.2 Segment Introduction by Type
5.2.1 LFP Battery
5.2.2 NCx Batteries
5.2.3 Others
5.3 Market Segment by Type
5.3.1 World Square Power Battery Production by Type (2021-2032)
5.3.2 World Square Power Battery Production Value by Type (2021-2032)
5.3.3 World Square Power Battery Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY PROCESS

6.1 World Square Power Battery Market Size Overview by Process: 2021 VS 2025 VS 2032
6.2 Segment Introduction by Process
6.2.1 Wound Prismatic Battery

+357 96 030922
info@marketpublishers.com

6.2.2 Stacked Prismatic Battery
6.2.3 Hybrid Winding-Stacking Prismatic Battery
6.3 Market Segment by Process
6.3.1 World Square Power Battery Production by Process (2021-2032)
6.3.2 World Square Power Battery Production Value by Process (2021-2032)
6.3.3 World Square Power Battery Average Price by Process (2021-2032)

7 MARKET ANALYSIS BY CHARGE RATE

7.1 World Square Power Battery Market Size Overview by Charge Rate: 2021 VS 2025 VS 2032
7.2 Segment Introduction by Charge Rate
7.2.1 2C Fast Charging Battery
7.2.2 4C Fast Charging Battery
7.2.3 5C+ Ultra-fast Charging Battery
7.3 Market Segment by Charge Rate
7.3.1 World Square Power Battery Production by Charge Rate (2021-2032)
7.3.2 World Square Power Battery Production Value by Charge Rate (2021-2032)
7.3.3 World Square Power Battery Average Price by Charge Rate (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Square Power Battery Market Size Overview by Application: 2021 VS 2025 VS 2032
8.2 Segment Introduction by Application
8.2.1 Passenger Car
8.2.2 Commercial Vehicle
8.3 Market Segment by Application
8.3.1 World Square Power Battery Production by Application (2021-2032)
8.3.2 World Square Power Battery Production Value by Application (2021-2032)
8.3.3 World Square Power Battery Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 CATL
9.1.1 CATL Details
9.1.2 CATL Major Business
9.1.3 CATL Square Power Battery Product and Services
9.1.4 CATL Square Power Battery Production, Price, Value, Gross Margin and Market

+357 96 030922
info@marketpublishers.com

Share (2021-2026)
9.1.5 CATL Recent Developments/Updates
9.1.6 CATL Competitive Strengths & Weaknesses
9.2 BYD
9.2.1 BYD Details
9.2.2 BYD Major Business
9.2.3 BYD Square Power Battery Product and Services
9.2.4 BYD Square Power Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.2.5 BYD Recent Developments/Updates
9.2.6 BYD Competitive Strengths & Weaknesses
9.3 Panasonic
9.3.1 Panasonic Details
9.3.2 Panasonic Major Business
9.3.3 Panasonic Square Power Battery Product and Services
9.3.4 Panasonic Square Power Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.3.5 Panasonic Recent Developments/Updates
9.3.6 Panasonic Competitive Strengths & Weaknesses
9.4 Guoxuan High-tech
9.4.1 Guoxuan High-tech Details
9.4.2 Guoxuan High-tech Major Business
9.4.3 Guoxuan High-tech Square Power Battery Product and Services
9.4.4 Guoxuan High-tech Square Power Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.4.5 Guoxuan High-tech Recent Developments/Updates
9.4.6 Guoxuan High-tech Competitive Strengths & Weaknesses
9.5 Samsung SDI
9.5.1 Samsung SDI Details
9.5.2 Samsung SDI Major Business
9.5.3 Samsung SDI Square Power Battery Product and Services
9.5.4 Samsung SDI Square Power Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.5.5 Samsung SDI Recent Developments/Updates
9.5.6 Samsung SDI Competitive Strengths & Weaknesses
9.6 CALB Group
9.6.1 CALB Group Details
9.6.2 CALB Group Major Business
9.6.3 CALB Group Square Power Battery Product and Services

+357 96 030922
info@marketpublishers.com

9.6.4 CALB Group Square Power Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.6.5 CALB Group Recent Developments/Updates
9.6.6 CALB Group Competitive Strengths & Weaknesses
9.7 EVE Energy
9.7.1 EVE Energy Details
9.7.2 EVE Energy Major Business
9.7.3 EVE Energy Square Power Battery Product and Services
9.7.4 EVE Energy Square Power Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.7.5 EVE Energy Recent Developments/Updates
9.7.6 EVE Energy Competitive Strengths & Weaknesses
9.8 Sunwoda
9.8.1 Sunwoda Details
9.8.2 Sunwoda Major Business
9.8.3 Sunwoda Square Power Battery Product and Services
9.8.4 Sunwoda Square Power Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.8.5 Sunwoda Recent Developments/Updates
9.8.6 Sunwoda Competitive Strengths & Weaknesses
9.9 Farasis Energy
9.9.1 Farasis Energy Details
9.9.2 Farasis Energy Major Business
9.9.3 Farasis Energy Square Power Battery Product and Services
9.9.4 Farasis Energy Square Power Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.9.5 Farasis Energy Recent Developments/Updates
9.9.6 Farasis Energy Competitive Strengths & Weaknesses
9.10 SVOLT Energy Technology
9.10.1 SVOLT Energy Technology Details
9.10.2 SVOLT Energy Technology Major Business
9.10.3 SVOLT Energy Technology Square Power Battery Product and Services
9.10.4 SVOLT Energy Technology Square Power Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.10.5 SVOLT Energy Technology Recent Developments/Updates
9.10.6 SVOLT Energy Technology Competitive Strengths & Weaknesses
9.11 REPT BATTERO Energy
9.11.1 REPT BATTERO Energy Details
9.11.2 REPT BATTERO Energy Major Business

+357 96 030922
info@marketpublishers.com

9.11.3 REPT BATTERO Energy Square Power Battery Product and Services
9.11.4 REPT BATTERO Energy Square Power Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.11.5 REPT BATTERO Energy Recent Developments/Updates
9.11.6 REPT BATTERO Energy Competitive Strengths & Weaknesses
9.12 Tianjin EV Energies
9.12.1 Tianjin EV Energies Details
9.12.2 Tianjin EV Energies Major Business
9.12.3 Tianjin EV Energies Square Power Battery Product and Services
9.12.4 Tianjin EV Energies Square Power Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.12.5 Tianjin EV Energies Recent Developments/Updates
9.12.6 Tianjin EV Energies Competitive Strengths & Weaknesses
9.13 Do-Fluoride New Materials
9.13.1 Do-Fluoride New Materials Details
9.13.2 Do-Fluoride New Materials Major Business
9.13.3 Do-Fluoride New Materials Square Power Battery Product and Services
9.13.4 Do-Fluoride New Materials Square Power Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.13.5 Do-Fluoride New Materials Recent Developments/Updates
9.13.6 Do-Fluoride New Materials Competitive Strengths & Weaknesses
9.14 Inpai Battery
9.14.1 Inpai Battery Details
9.14.2 Inpai Battery Major Business
9.14.3 Inpai Battery Square Power Battery Product and Services
9.14.4 Inpai Battery Square Power Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.14.5 Inpai Battery Recent Developments/Updates
9.14.6 Inpai Battery Competitive Strengths & Weaknesses
9.15 Cornex New Energy
9.15.1 Cornex New Energy Details
9.15.2 Cornex New Energy Major Business
9.15.3 Cornex New Energy Square Power Battery Product and Services
9.15.4 Cornex New Energy Square Power Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.15.5 Cornex New Energy Recent Developments/Updates
9.15.6 Cornex New Energy Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

+357 96 030922
info@marketpublishers.com

10.1 Square Power Battery Industry Chain
10.2 Square Power Battery Upstream Analysis
10.2.1 Square Power Battery Core Raw Materials
10.2.2 Main Manufacturers of Square Power Battery Core Raw Materials
10.3 Midstream Analysis
10.4 Downstream Analysis
10.5 Square Power Battery Production Mode
10.6 Square Power Battery Procurement Model
10.7 Square Power Battery Industry Sales Model and Sales Channels
10.7.1 Square Power Battery Sales Model
10.7.2 Square Power Battery Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

12.1 Methodology
12.2 Research Process and Data Source
12.3 Disclaimer

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1. World Square Power Battery Production Value by Region (2021, 2025 and 2032) & (USD Million)
Table 2. World Square Power Battery Production Value by Region (2021-2026) & (USD Million)
Table 3. World Square Power Battery Production Value by Region (2027-2032) & (USD Million)
Table 4. World Square Power Battery Production Value Market Share by Region (2021-2026)
Table 5. World Square Power Battery Production Value Market Share by Region (2027-2032)
Table 6. World Square Power Battery Production by Region (2021-2026) & (GWh)
Table 7. World Square Power Battery Production by Region (2027-2032) & (GWh)
Table 8. World Square Power Battery Production Market Share by Region (2021-2026)
Table 9. World Square Power Battery Production Market Share by Region (2027-2032)
Table 10. World Square Power Battery Average Price by Region (2021-2026) & (US$/KWh)
Table 11. World Square Power Battery Average Price by Region (2027-2032) & (US$/KWh)
Table 12. Square Power Battery Major Market Trends
Table 13. World Square Power Battery Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (GWh)
Table 14. World Square Power Battery Consumption by Region (2021-2026) & (GWh)
Table 15. World Square Power Battery Consumption Forecast by Region (2027-2032) & (GWh)
Table 16. World Square Power Battery Production Value by Manufacturer (2021-2026) & (USD Million)
Table 17. Production Value Market Share of Key Square Power Battery Producers in 2025
Table 18. World Square Power Battery Production by Manufacturer (2021-2026) & (GWh)
Table 19. Production Market Share of Key Square Power Battery Producers in 2025
Table 20. World Square Power Battery Average Price by Manufacturer (2021-2026) & (US$/KWh)
Table 21. Global Square Power Battery Company Evaluation Quadrant
Table 22. World Square Power Battery Industry Rank of Major Manufacturers, Based on

+357 96 030922
info@marketpublishers.com

Production Value in 2025
Table 23. Head Office and Square Power Battery Production Site of Key Manufacturer
Table 24. Square Power Battery Market: Company Product Type Footprint
Table 25. Square Power Battery Market: Company Product Application Footprint
Table 26. Square Power Battery Competitive Factors
Table 27. Square Power Battery New Entrant and Capacity Expansion Plans
Table 28. Square Power Battery Mergers & Acquisitions Activity
Table 29. United States VS China Square Power Battery Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)
Table 30. United States VS China Square Power Battery Production Comparison, (2021 & 2025 & 2032) & (GWh)
Table 31. United States VS China Square Power Battery Consumption Comparison, (2021 & 2025 & 2032) & (GWh)
Table 32. United States Based Square Power Battery Manufacturers, Headquarters and Production Site (States, Country)
Table 33. United States Based Manufacturers Square Power Battery Production Value, (2021-2026) & (USD Million)
Table 34. United States Based Manufacturers Square Power Battery Production Value Market Share (2021-2026)
Table 35. United States Based Manufacturers Square Power Battery Production (2021-2026) & (GWh)
Table 36. United States Based Manufacturers Square Power Battery Production Market Share (2021-2026)
Table 37. China Based Square Power Battery Manufacturers, Headquarters and Production Site (Province, Country)
Table 38. China Based Manufacturers Square Power Battery Production Value, (2021-2026) & (USD Million)
Table 39. China Based Manufacturers Square Power Battery Production Value Market Share (2021-2026)
Table 40. China Based Manufacturers Square Power Battery Production, (2021-2026) & (GWh)
Table 41. China Based Manufacturers Square Power Battery Production Market Share (2021-2026)
Table 42. Rest of World Based Square Power Battery Manufacturers, Headquarters and Production Site (State, Country)
Table 43. Rest of World Based Manufacturers Square Power Battery Production Value, (2021-2026) & (USD Million)
Table 44. Rest of World Based Manufacturers Square Power Battery Production Value Market Share (2021-2026)

+357 96 030922
info@marketpublishers.com

Table 45. Rest of World Based Manufacturers Square Power Battery Production, (2021-2026) & (GWh)
Table 46. Rest of World Based Manufacturers Square Power Battery Production Market Share (2021-2026)
Table 47. World Square Power Battery Production Value by Type, (USD Million), 2021 & 2025 & 2032
Table 48. World Square Power Battery Production by Type (2021-2026) & (GWh)
Table 49. World Square Power Battery Production by Type (2027-2032) & (GWh)
Table 50. World Square Power Battery Production Value by Type (2021-2026) & (USD Million)
Table 51. World Square Power Battery Production Value by Type (2027-2032) & (USD Million)
Table 52. World Square Power Battery Average Price by Type (2021-2026) & (US$/KWh)
Table 53. World Square Power Battery Average Price by Type (2027-2032) & (US$/KWh)
Table 54. World Square Power Battery Production Value by Process, (USD Million), 2021 & 2025 & 2032
Table 55. World Square Power Battery Production by Process (2021-2026) & (GWh)
Table 56. World Square Power Battery Production by Process (2027-2032) & (GWh)
Table 57. World Square Power Battery Production Value by Process (2021-2026) & (USD Million)
Table 58. World Square Power Battery Production Value by Process (2027-2032) & (USD Million)
Table 59. World Square Power Battery Average Price by Process (2021-2026) & (US$/KWh)
Table 60. World Square Power Battery Average Price by Process (2027-2032) & (US$/KWh)
Table 61. World Square Power Battery Production Value by Charge Rate, (USD Million), 2021 & 2025 & 2032
Table 62. World Square Power Battery Production by Charge Rate (2021-2026) & (GWh)
Table 63. World Square Power Battery Production by Charge Rate (2027-2032) & (GWh)
Table 64. World Square Power Battery Production Value by Charge Rate (2021-2026) & (USD Million)
Table 65. World Square Power Battery Production Value by Charge Rate (2027-2032) & (USD Million)
Table 66. World Square Power Battery Average Price by Charge Rate (2021-2026) &

+357 96 030922
info@marketpublishers.com

(US$/KWh)
Table 67. World Square Power Battery Average Price by Charge Rate (2027-2032) & (US$/KWh)
Table 68. World Square Power Battery Production Value by Application, (USD Million), 2021 & 2025 & 2032
Table 69. World Square Power Battery Production by Application (2021-2026) & (GWh)
Table 70. World Square Power Battery Production by Application (2027-2032) & (GWh)
Table 71. World Square Power Battery Production Value by Application (2021-2026) & (USD Million)
Table 72. World Square Power Battery Production Value by Application (2027-2032) & (USD Million)
Table 73. World Square Power Battery Average Price by Application (2021-2026) & (US$/KWh)
Table 74. World Square Power Battery Average Price by Application (2027-2032) & (US$/KWh)
Table 75. CATL Basic Information, Manufacturing Base and Competitors
Table 76. CATL Major Business
Table 77. CATL Square Power Battery Product and Services
Table 78. CATL Square Power Battery Production (GWh), Price (US$/KWh), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 79. CATL Recent Developments/Updates
Table 80. CATL Competitive Strengths & Weaknesses
Table 81. BYD Basic Information, Manufacturing Base and Competitors
Table 82. BYD Major Business
Table 83. BYD Square Power Battery Product and Services
Table 84. BYD Square Power Battery Production (GWh), Price (US$/KWh), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 85. BYD Recent Developments/Updates
Table 86. BYD Competitive Strengths & Weaknesses
Table 87. Panasonic Basic Information, Manufacturing Base and Competitors
Table 88. Panasonic Major Business
Table 89. Panasonic Square Power Battery Product and Services
Table 90. Panasonic Square Power Battery Production (GWh), Price (US$/KWh), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 91. Panasonic Recent Developments/Updates
Table 92. Panasonic Competitive Strengths & Weaknesses
Table 93. Guoxuan High-tech Basic Information, Manufacturing Base and Competitors
Table 94. Guoxuan High-tech Major Business
Table 95. Guoxuan High-tech Square Power Battery Product and Services

+357 96 030922
info@marketpublishers.com

Table 96. Guoxuan High-tech Square Power Battery Production (GWh), Price (US$/KWh), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 97. Guoxuan High-tech Recent Developments/Updates
Table 98. Guoxuan High-tech Competitive Strengths & Weaknesses
Table 99. Samsung SDI Basic Information, Manufacturing Base and Competitors
Table 100. Samsung SDI Major Business
Table 101. Samsung SDI Square Power Battery Product and Services
Table 102. Samsung SDI Square Power Battery Production (GWh), Price (US$/KWh), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 103. Samsung SDI Recent Developments/Updates
Table 104. Samsung SDI Competitive Strengths & Weaknesses
Table 105. CALB Group Basic Information, Manufacturing Base and Competitors
Table 106. CALB Group Major Business
Table 107. CALB Group Square Power Battery Product and Services
Table 108. CALB Group Square Power Battery Production (GWh), Price (US$/KWh), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 109. CALB Group Recent Developments/Updates
Table 110. CALB Group Competitive Strengths & Weaknesses
Table 111. EVE Energy Basic Information, Manufacturing Base and Competitors
Table 112. EVE Energy Major Business
Table 113. EVE Energy Square Power Battery Product and Services
Table 114. EVE Energy Square Power Battery Production (GWh), Price (US$/KWh), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 115. EVE Energy Recent Developments/Updates
Table 116. EVE Energy Competitive Strengths & Weaknesses
Table 117. Sunwoda Basic Information, Manufacturing Base and Competitors
Table 118. Sunwoda Major Business
Table 119. Sunwoda Square Power Battery Product and Services
Table 120. Sunwoda Square Power Battery Production (GWh), Price (US$/KWh), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 121. Sunwoda Recent Developments/Updates
Table 122. Sunwoda Competitive Strengths & Weaknesses
Table 123. Farasis Energy Basic Information, Manufacturing Base and Competitors
Table 124. Farasis Energy Major Business
Table 125. Farasis Energy Square Power Battery Product and Services
Table 126. Farasis Energy Square Power Battery Production (GWh), Price (US$/KWh), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 127. Farasis Energy Recent Developments/Updates

+357 96 030922
info@marketpublishers.com

Table 128. Farasis Energy Competitive Strengths & Weaknesses
Table 129. SVOLT Energy Technology Basic Information, Manufacturing Base and Competitors
Table 130. SVOLT Energy Technology Major Business
Table 131. SVOLT Energy Technology Square Power Battery Product and Services
Table 132. SVOLT Energy Technology Square Power Battery Production (GWh), Price (US$/KWh), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 133. SVOLT Energy Technology Recent Developments/Updates
Table 134. SVOLT Energy Technology Competitive Strengths & Weaknesses
Table 135. REPT BATTERO Energy Basic Information, Manufacturing Base and Competitors
Table 136. REPT BATTERO Energy Major Business
Table 137. REPT BATTERO Energy Square Power Battery Product and Services
Table 138. REPT BATTERO Energy Square Power Battery Production (GWh), Price (US$/KWh), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 139. REPT BATTERO Energy Recent Developments/Updates
Table 140. REPT BATTERO Energy Competitive Strengths & Weaknesses
Table 141. Tianjin EV Energies Basic Information, Manufacturing Base and Competitors
Table 142. Tianjin EV Energies Major Business
Table 143. Tianjin EV Energies Square Power Battery Product and Services
Table 144. Tianjin EV Energies Square Power Battery Production (GWh), Price (US$/KWh), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 145. Tianjin EV Energies Recent Developments/Updates
Table 146. Tianjin EV Energies Competitive Strengths & Weaknesses
Table 147. Do-Fluoride New Materials Basic Information, Manufacturing Base and Competitors
Table 148. Do-Fluoride New Materials Major Business
Table 149. Do-Fluoride New Materials Square Power Battery Product and Services
Table 150. Do-Fluoride New Materials Square Power Battery Production (GWh), Price (US$/KWh), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 151. Do-Fluoride New Materials Recent Developments/Updates
Table 152. Do-Fluoride New Materials Competitive Strengths & Weaknesses
Table 153. Inpai Battery Basic Information, Manufacturing Base and Competitors
Table 154. Inpai Battery Major Business
Table 155. Inpai Battery Square Power Battery Product and Services

+357 96 030922
info@marketpublishers.com

Table 156. Inpai Battery Square Power Battery Production (GWh), Price (US$/KWh), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 157. Inpai Battery Recent Developments/Updates
Table 158. Inpai Battery Competitive Strengths & Weaknesses
Table 159. Cornex New Energy Basic Information, Manufacturing Base and Competitors
Table 160. Cornex New Energy Major Business
Table 161. Cornex New Energy Square Power Battery Product and Services
Table 162. Cornex New Energy Square Power Battery Production (GWh), Price (US$/KWh), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 163. Cornex New Energy Recent Developments/Updates
Table 164. Cornex New Energy Competitive Strengths & Weaknesses
Table 165. Global Key Players of Square Power Battery Upstream (Raw Materials)
Table 166. Global Square Power Battery Typical Customers
Table 167. Square Power Battery Typical Distributors

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

Figure 1. Square Power Battery Picture
Figure 2. World Square Power Battery Production Value: 2021 & 2025 & 2032, (USD Million)
Figure 3. World Square Power Battery Production Value and Forecast (2021-2032) & (USD Million)
Figure 4. World Square Power Battery Production (2021-2032) & (GWh)
Figure 5. World Square Power Battery Average Price (2021-2032) & (US$/KWh)
Figure 6. World Square Power Battery Production Value Market Share by Region (2021-2032)
Figure 7. World Square Power Battery Production Market Share by Region (2021-2032)
Figure 8. North America Square Power Battery Production (2021-2032) & (GWh)
Figure 9. Europe Square Power Battery Production (2021-2032) & (GWh)
Figure 10. China Square Power Battery Production (2021-2032) & (GWh)
Figure 11. Japan Square Power Battery Production (2021-2032) & (GWh)
Figure 12. South Korea Square Power Battery Production (2021-2032) & (GWh)
Figure 13. Square Power Battery Market Drivers
Figure 14. Factors Affecting Demand
Figure 15. World Square Power Battery Consumption (2021-2032) & (GWh)
Figure 16. World Square Power Battery Consumption Market Share by Region (2021-2032)
Figure 17. United States Square Power Battery Consumption (2021-2032) & (GWh)
Figure 18. China Square Power Battery Consumption (2021-2032) & (GWh)
Figure 19. Europe Square Power Battery Consumption (2021-2032) & (GWh)
Figure 20. Japan Square Power Battery Consumption (2021-2032) & (GWh)
Figure 21. South Korea Square Power Battery Consumption (2021-2032) & (GWh)
Figure 22. ASEAN Square Power Battery Consumption (2021-2032) & (GWh)
Figure 23. India Square Power Battery Consumption (2021-2032) & (GWh)
Figure 24. Producer Shipments of Square Power Battery by Manufacturer Revenue ($MM) and Market Share (%): 2025
Figure 25. Global Four-firm Concentration Ratios (CR4) for Square Power Battery Markets in 2025
Figure 26. Global Four-firm Concentration Ratios (CR8) for Square Power Battery Markets in 2025
Figure 27. United States VS China: Square Power Battery Production Value Market Share Comparison (2021 & 2025 & 2032)

+357 96 030922
info@marketpublishers.com

Figure 28. United States VS China: Square Power Battery Production Market Share Comparison (2021 & 2025 & 2032)
Figure 29. United States VS China: Square Power Battery Consumption Market Share Comparison (2021 & 2025 & 2032)
Figure 30. United States Based Manufacturers Square Power Battery Production Market Share 2025
Figure 31. China Based Manufacturers Square Power Battery Production Market Share 2025
Figure 32. Rest of World Based Manufacturers Square Power Battery Production Market Share 2025
Figure 33. World Square Power Battery Production Value by Type, (USD Million), 2021 & 2025 & 2032
Figure 34. World Square Power Battery Production Value Market Share by Type in 2025
Figure 35. LFP Battery
Figure 36. NCx Batteries
Figure 37. Others
Figure 38. World Square Power Battery Production Market Share by Type (2021-2032)
Figure 39. World Square Power Battery Production Value Market Share by Type (2021-2032)
Figure 40. World Square Power Battery Average Price by Type (2021-2032) & (US$/KWh)
Figure 41. World Square Power Battery Production Value by Process, (USD Million), 2021 & 2025 & 2032
Figure 42. World Square Power Battery Production Value Market Share by Process in 2025
Figure 43. Wound Prismatic Battery
Figure 44. Stacked Prismatic Battery
Figure 45. Hybrid Winding-Stacking Prismatic Battery
Figure 46. World Square Power Battery Production Market Share by Process (2021-2032)
Figure 47. World Square Power Battery Production Value Market Share by Process (2021-2032)
Figure 48. World Square Power Battery Average Price by Process (2021-2032) & (US$/KWh)
Figure 49. World Square Power Battery Production Value by Charge Rate, (USD Million), 2021 & 2025 & 2032
Figure 50. World Square Power Battery Production Value Market Share by Charge Rate in 2025

+357 96 030922
info@marketpublishers.com

Figure 51. 2C Fast Charging Battery
Figure 52. 4C Fast Charging Battery
Figure 53. 5C+ Ultra-fast Charging Battery
Figure 54. World Square Power Battery Production Market Share by Charge Rate (2021-2032)
Figure 55. World Square Power Battery Production Value Market Share by Charge Rate (2021-2032)
Figure 56. World Square Power Battery Average Price by Charge Rate (2021-2032) & (US$/KWh)
Figure 57. World Square Power Battery Production Value by Application, (USD Million), 2021 & 2025 & 2032
Figure 58. World Square Power Battery Production Value Market Share by Application in 2025
Figure 59. Passenger Car
Figure 60. Commercial Vehicle
Figure 61. World Square Power Battery Production Market Share by Application (2021-2032)
Figure 62. World Square Power Battery Production Value Market Share by Application (2021-2032)
Figure 63. World Square Power Battery Average Price by Application (2021-2032) & (US$/KWh)
Figure 64. Square Power Battery Industry Chain
Figure 65. Square Power Battery Procurement Model
Figure 66. Square Power Battery Sales Model
Figure 67. Square Power Battery Sales Channels, Direct Sales, and Distribution
Figure 68. Methodology
Figure 69. Research Process and Data Source

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global Square Power Battery Supply, Demand and Key Producers, 2026-2032

Product link: https://marketpublishers.com/r/GB4426CA96A4EN.html

Price: US$ 4,480.00 (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/GB4426CA96A4EN.html