

Global Aerospace & Defense Battery Market by Aircraft Type (Narrow Body, Wide Body, Very Large Aircraft, Regional Aircraft, General Aviation, Helicopter, and Military Aircraft), by Battery Type (Nickel-Cadmium Battery, Lithium-Ion Battery, and Lead-Acid Battery), by Sales Channel (Direct Sales and Distributors), by Region (NA, Europe, APAC, RoW), Trend, Forecast, Competitive Analysis, and Growth Opportunity: 2016 – 2021

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Abstracts

This is the ONGOING report. If ordered it could be delivered in 2-3 weeks timeframe.

This report, from Stratview Research, studies the global aerospace & defense battery market over the period 2010 to 2021. The report provides detailed insights on the market dynamics to enable informed business decision making and growth strategy formulation based on the opportunities present in the market.

The Global Aerospace & Defense Battery Market: Highlights

Batteries are used mainly for power back up and emergency systems, starting engine and APU and flight preparation in the global aerospace & defense industry. They play a crucial role in the aerospace industry as it supplies power to the aircraft industry in case of power failure. Batteries in the aircraft must be reliable, durable, light weight, lower in maintenance, lower in cost of ownership, and have an extended life. Nickel-Cadmium, Lead-Acid, and Lithium-Ion batteries are the major types of batteries used in the global aerospace & defense industry. Industry is witnessing a gradual transition from the nickel-

cadmium to the lithium-ion batteries.

The global aerospace and defense battery market promises a strong growth opportunity and is likely to witness 6% CAGR during the forecast period of 2016 to 2021. Increasing commercial aircraft deliveries, growing aircraft fleet size, and advancement in the technology are some of the key growth drivers of the global aerospace & defense battery market. Commercial and regional aircraft mainly rely on the nickel-based batteries while general aviation on lead-acid batteries.

Narrow body and wide body aircraft are expected to remain the growth engine during the forecast period. Wide body aircraft is expected to experience the highest growth rate in the next five years, driven by higher demand of wide body aircraft. Major aerospace & defense aircraft OEMs have started using lithium-ion batteries in their next generation aircraft, such as A350 and F35.

North America is expected to remain the largest market for aircraft batteries during the forecast period due to being a manufacturing base of the largest commercial OEM (Boeing) and increasing retrofit market. Asia Pacific is expected to grow at the highest rate in the next five years.

The supply chain of this market comprises raw material suppliers, battery manufacturers, Aircraft OEMs, distributors, and Airline companies. The key aerospace OEMs are Boeing, Airbus, Bombardier, Lockheed Martin, Eurocopter, Embraer, ATR, and Mitsubishi Heavy Industries and key airline companies are Lufthansa, Delta Air, Air China, and Singapore Airlines.

The global battery market in the aerospace & defense industry is a highly consolidated market. The key battery manufacturers are Salt America Inc., GS Yuasa, Concorde Aircraft Batteries, and Quallion LLC. New product development and long term contracts are the key strategies adopted by the key players to gain competitive edge in the market.

RESEARCH METHODOLOGY

This report offers high quality insights and is the outcome of detailed research methodology comprising extensive secondary research, rigorous primary interviews with industry stakeholders and validation and triangulation with Stratview Research's internal database and statistical tools. More than 800 authenticated secondary sources, such as company annual reports, fact book, press release, journals, investor

presentation, white papers, patents, and articles have been leveraged to gather the data. About 10 detailed primary interviews with the market players across the value chain in the all four regions and industry experts have been executed to obtain both the qualitative and quantitative insights.

REPORT FEATURES

This report provides market intelligence in the most comprehensive way. The report structure has been kept such that it offers maximum business value. It provides critical insights on the market dynamics and will enable strategic decision making for the existing market players as well as those willing to enter the market. The following are the key features of the report:

Market structure: Overview, industry life cycle analysis, supply chain analysis

Market environment analysis: Growth drivers and constraints, Porter's five forces analysis, SWOT analysis

Market trend and forecast analysis

Market segment trend and forecast

Competitive landscape and dynamics: Market share, product portfolio, product launches, etc.

Attractive market segments and associated growth opportunities

Emerging trends of the carbon brakes market

Strategic growth opportunities for the existing and new players

Key success factors

The aerospace & defense battery market is segmented into the following categories.

Global Aerospace & Defense Battery Market by Aircraft Type:

Narrow Body Aircraft

Wide Body Aircraft

Very Large Aircraft

Regional Aircraft

General Aviation

Helicopter

Military Aircraft

Global Aerospace & Defense Battery Market by Battery Type:

Nickel-Cadmium Battery

Lead Acid Battery

Lithium-Ion Battery

Global Aerospace & Defense Battery Market by End Market:

OEM

Aftermarket

Global Aerospace & Defense Battery Market by Sales Channel:

Direct Sales

Distributors

Global Aerospace & Defense Battery Market by Region:

North America

US

Canada

Mexico

Europe

Germany

France

Spain

United Kingdom

Russia

Rest of the Europe

Asia – Pacific

China

Japan

India

Rest of the Asia-Pacific

Rest of the World

Latin America

Middle East

REPORT CUSTOMIZATION OPTIONS

With this detailed report, Stratview Research offers one of the following free customization options to our respectable clients:

Company Profiling

Detailed profiling of additional market players (up to 3)

SWOT analysis of key players (up to 3)

Regional Segmentation

Current market segmentation of any one of the regions by battery type

Competitive Benchmarking

Benchmarking of key players on the following parameters: Product portfolio, geographical reach, regional presence, and strategic alliances

Custom Research: Stratview research offers custom research services across the sectors. In case of any custom research requirement related to market assessment, competitive benchmarking, sourcing and procurement, target screening, and others, please send your enquiry at sales@stratviewresearch.com.

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