Global Li-ion Battery Market for All Electric Vehicles 2015-2019

Description:

Li-ion batteries are extensively used as a power source in AEVs. They are used as an alternative source of power in HEVs, and as a primary source of power in BEVs and PHEVs. BEVs and PHEVs use electric motors, powered by Li-ion batteries, for propulsion. The application base of Li-ion batteries is higher in BEVs and PHEVs because of their high energy density and long lifespan. HEVs use IC engines as well as electric motors for propulsion, which makes them expensive but efficient. Despite their high cost, they remain a preferred choice among end-users. Moreover, battery-operated vehicles help reduce carbon emissions and lower dependence on fossil fuels. The batteries used in HEVs are automatically charged during transportation through a regenerative braking mechanism. The batteries used for PHEVs and BEVs are charged at charging stations. The voltages required for charging typically range between 110 and 440 Volts.

The analysts forecast the global Li-ion battery market for AEVs to grow at a CAGR of 22.8% over the period 2014-2019.

Covered in this Report

The report covers the present scenario and the growth prospects of the global Li-ion battery market for AEVs over the period 2015-2019. The report also discusses the key geographies (US, Japan, Europe, and China) in terms of demand and future growth pattern of the market.

The report, Global Li-ion Battery market for AEVs 2015-2019, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the global Li-ion battery market landscape for AEVs and its growth prospects in the coming years. The report also includes a discussion of the key vendors operating in this market.

Key Vendors
- A123 Systems
- Automotive Energy Supply (AESC)
- Blue Energy
- BYD
- Coslight
- Hitachi
- Johnson Matthey
- LG Chem
- Panasonic
- SAFT
- Sinopoly Battery
- Tianjin Lishen Battery
- Toshiba

Other Prominent Vendors
- China BAK battery
- Deutsche ACCUmotive
- Johnson Controls
- Samsung SDI
- Sony

Key Market Drivers
- Rise in number of Li-ion battery manufacturing bases in china
- For a full, detailed list, view our report

Key Market Challenges
- Growing power crisis in japan
- For a full, detailed list, view our report

Key Market Trends
Increased investment in charging infrastructure
For a full, detailed list, view our report

Key Questions Answered in this Report
- What will the market size be in 2019 and what will the growth rate be?
- What are the key market trends?
- What is driving this market?
- What are the challenges to market growth?
- Who are the key vendors in this market space?
- What are the market opportunities and threats faced by the key vendors?
- What are the strengths and weaknesses of the key vendors?

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