

# Global Automotive Battery Technologies Market 2013-2023

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## Abstracts

### Battery Electric Vehicles (BEV) & Hybrid Electric Vehicles (HEV)

The global market for automotive battery technologies for battery electric vehicles (BEV) and hybrid electric vehicles (HEV) from 2013 to 2023 is set to grow with globalisation and electro mobility the key drivers. Battery and hybrid vehicles and their electric drivetrains will become more commonplace once consumers become more familiar with the technology which in turn will drive sales of automotive battery technologies. Hybrid electric vehicles and battery electric vehicles offer a solution to both economic and environmental challenges in the automotive sector. As a consequence Visiongain has determined that the sales of HEV & BEV batteries in the passenger car market will reach 2.16 million units in 2013.

As the automotive sector transitions to this new technology, vehicle manufacturers will need to find ways to profitably sell these new technologies. The internal combustion engine (ICE) will still be the dominant power source for vehicles but low emission ICEs, hybrid and electric vehicles will result in manufacturers taking a portfolio approach to vehicle powertrains.

As the sales of automotive batteries are linked so closely to sales of hybrid and electric vehicles this report reviews and forecasts the market for the overall battery market (HEV & BEV combined), the HEV battery market and the BEV battery market.

### What makes this report unique?

Visiongain consulted widely with industry experts and full transcripts from these exclusive interviews are included within the report from -

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Qualcomm Wireless Charging

As such, our reports have a unique blend of primary and secondary sources providing informed analysis. This methodology allows insight into the key drivers and restraints behind market dynamics and competitive developments, as well as identifying the technological issues. The report therefore presents an ideal balance of qualitative analysis combined with extensive quantitative data including global, submarket and regional markets forecasts from 2013-2023 - all identifying strategic business opportunities.

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Hybrid electric vehicle (HEV) battery market

Battery electric vehicle (BEV) battery market

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battery forecasts for each region from 2013-2023 for-

US Hybrid Electric Vehicle Battery Market

US Battery Electric Vehicles Battery Market

Chinese Hybrid Electric Vehicle Battery Market

Chinese Battery Electric Vehicles Battery Market

Japanese Hybrid Electric Vehicle Battery Market

Japanese Battery Electric Vehicles Battery Market

German Hybrid Electric Vehicle Battery Market

German Battery Electric Vehicles Battery Market

French Hybrid Electric Vehicle Battery Market

French Battery Electric Vehicles Battery Market

UK Hybrid Electric Vehicle Battery Market

UK Battery Electric Vehicles Battery Market

Italian Hybrid Electric Vehicle Battery Market

Italian Battery Electric Vehicles Battery Market

Spanish Hybrid Electric Vehicle Battery Market

Spanish Battery Electric Vehicles Battery Market

Belgian Hybrid Electric Vehicle Battery Market

Belgian Battery Electric Vehicles Battery Market

Dutch Hybrid Electric Vehicle Battery Market

Dutch Battery Electric Vehicles Battery Market

Rest of Europe Hybrid Electric Vehicle Battery Market

Rest of Europe Battery Electric Vehicles Battery Market

Rest of the World Hybrid Electric Vehicle Battery Market

Rest of the World Battery Electric Vehicles Battery Market

Understand the competitive landscape with profiles of 10 leading automotive battery companies examining their positioning, products, services, focus, strategies and outlook.

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Hitachi Vehicle Energy (HVE)

GS Yuasa Corporation (GYC)

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LG Chem & Compact Power

SB LiMotive (Samsung, Bosch, and Cobasys)

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## **COMPANIES LISTED**

A123 Systems

ABB

Addison Lee

AESC - Automotive Energy Supply Corporation (Joint venture between Nissan & NEC)

Avis Budget

Axeon Power Limited

Battery Systems Company

Blue Energy Co

BMW

Boeing

Bosch

British Gas

BYD Auto

BYD Co Ltd

Chang'an Automobile (Group) Co Ltd

Chargemaster plc

Chevrolet

Chrysler

Cobasys

Dacia

Daewoo

Daihatsu

Daimler AG

Delta Motorsport  
Denza Shenzhen BYD Daimler New Technology Co. Ltd (BDNT)  
Estonian Electro mobility Programme (ELMO)  
Ferrari  
Fiat Group  
Fisker Automotive  
Ford Motor Company  
G4S Estonia  
GM Corporation  
Google  
Great wall Motors Company  
Green Tomato Cars  
GS Yuasa Corporation (GYC)  
Hafi Motor Company  
Hitachi Group  
Hitachi Maxell Ltd  
Hitachi Vehicle Energy (HVE) Ltd  
Hitachi Vehicle Energy Ltd  
Honda  
Hyundai Kia  
IBM  
Jaguar Land Rover Plc  
JD Power  
Johnson Controls Inc  
Johnson Matthey Group  
L'Oreal  
Lenovo  
LG Chem Ltd  
Lio Energy Systems (US) LLC  
Lishen  
Lithium Energy Japan  
Maxwell Technologies  
Mazda  
Mia  
Michelin  
Miles Electric Vehicles  
Mitsubishi Motor Corporation  
NEC Corporation  
NEC Energy Devices

NEC Lamilion Energy  
NEC TOKIN  
Nissan Motor Company  
Panasonic  
Panasonic EV Energy Co  
Peugeot  
Porsche  
Porsche  
Primearth EV Energy Co., Ltd.  
Proctor & Gamble  
PSA Group  
PSA Peugeot Citroen  
Qualcomm  
RECS International  
Renault  
Renault Nissan Partnership  
REVA  
Rolls Royce Motor Cars  
RWE Effizienz GmbH  
Saab Automobile AB  
Saft Groupe SA  
Samsung SDI Co  
Sanyo  
SB LiMotive (Samsung, Bosch, and Cobasys)  
Shin-Kobe Electric Machinery Co Ltd  
Smart  
Sony Corporation  
Sony Energy Devices Corporation (SDC)  
Suzuki Motor Corporation  
Tata Motors Limited  
Tesla Motors Limited  
Tianjin Lishen Battery Joint Stock Company Limited  
Tianjin Lishen Battery Joint-Stock Co. Ltd  
Time Warner  
TMC  
Toyota  
Toyota Lexus GB  
TRW  
Valeo

Vattenfall  
Vauxhall Opel  
Via Motors  
Volvo Car Corporation  
Volvo Group  
VW Group  
VZ Plug in Hybrid Partnership  
Wanxiang America Corp  
Wanxiang Group Corp  
Zhejiang Geely Holding Group  
Zipcar

## **GOVERNMENT AGENCIES AND OTHER ORGANISATIONS MENTIONED IN THIS REPORT**

America Council for an Energy-Efficient Economy (ACEEE),  
Arbeidstijdverkorting (ATV) Dutch Government Short Time Working Scheme  
ARPA-e  
Asociaci?n Espa?ola de Fabricantes de Autom?viles y Camiones (ANGFAC)  
California Air Research Board (CARB)  
CEA Commissariat ? l'?nergie atomique et aux ?nergies alternatives, French national establishment for nuclear matters, alternative energies, technologies, and basic research  
Centre for Automotive Research (CAR-University of Duisberg-Essen)  
China Association of Automobile Manufacturers  
Chinese Ministry of Science & Technology  
Committee on Foreign Investment in the United States (CFIUS)  
DOE's Vehicle Technologies Office  
EIA Energy Information Administration  
ELMO Estonian Electro mobility Programme  
Environment Canada  
Estonian Ministry of Social Affairs  
FIA Federation Internationale de l'Automobile  
German Federal Employment Agency  
Kredex Estonian Credit and Export Guarantee Fund  
Kurzarbeit German work time account  
MEP Ministry of Environmental Protection (China)  
Mercosur (Mercado Com-n del Sur)  
National Air Quality Cooperation Programme (Nationaal Samenwerkingsprogramma

Luchtkwaliteit, NSL)  
OECD Organisation for Economic Co-operation and Development  
Office of Electricity  
Office of Science  
OPEC Organisation of Petroleum Exporting Countries  
Shenzhen Municipal Public Security Bureau  
Transport for London  
UN United Nations  
Union des Groupements d'Achats Publics (UGAP)  
Union of Concerned Scientists (UCS)  
US Congress  
US Congress  
US Council for Automotive Research (USCAR)  
US Department of Defence (DoD)  
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