

# Battery Management Systems - Global Market Outlook (2015-2022)

<https://marketpublishers.com/r/B16F374A17CEN.html>

Date: December 2015

Pages: 112

Price: US\$ 4,150.00 (Single User License)

ID: B16F374A17CEN

## Abstracts

According to Statistics MRC, the Battery Management Systems market is expected to reach \$6,927 million by 2022 growing at a CAGR of 21.4% from 2015 to 2022. Battery management systems are specially designed to meet the strong requirements of protecting and managing Plug-in Hybrid Electric Vehicle (PHEV), Hybrid Electric Vehicles (HEV), and battery packs for Electric Vehicles (EV) with automotive grade quality. The increasing applications of rechargeable batteries in healthcare, telecom, and military, and increasing market for electric and hybrid vehicles are factors favoring the market growth. The growth of battery management systems in automotive industry and power grids are indicating the strong penetration of BMS in the global market.

Automotive segment dominated the battery management systems market, followed by consumer/handheld and energy. The technological advancements in electric and hybrid vehicles to minimize fuel costs and maximize efficiency, is reducing the size of BMS.

Due to existence of hefty manufacturers, BMS market is experiencing the high level of rivalry. Asia Pacific has the largest market for BMS due to presence of major automotive manufacturers and increasing usage of electric and hybrid vehicles in China. APAC is followed by North America and Europe.

The key players of the market include, Elithion, Inc., L&T Technology Services, SK Continental E-motion, Toshiba Corporation, Lithium Balance Corporation, Electric Vehicle Innovative Systems, Lithium Balance Corporation, Valence Technology, Inc, Vecture Inc., TWS, The Ventec Company, Merlin Equipment Ltd., Nuvation Engineering, Navitas System LLC and Ashwoods Energy Limited.

Topologies Covered:

Distributed

Modular

Centralized

Components Covered:

Na Battery

Power Module

DC/DC Converter

Communication Channel

End Users Covered:

Automotive

E-vehicles

Golf Carts

E-recreational vehicles

Medical Mobility vehicles

Segways

E-bikes

Consumer/Handheld

Portable medical equipment

Garden tools

Vacuum cleaners

Power tools

Others

Energy

Solar

Wind

Uninterrupted power supply (UPS)

Portable battery packs

Grid

Drones

Telecom

#### Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

France

Italy

UK

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

Rest of Asia Pacific

Rest of the World

Middle East

Brazil

Argentina

South Africa

Egypt

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 7 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

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