

Worldwide IoT Battery Market Opportunity, Innovation, Demand and Segmentation 2018 to 2025

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Abstracts

The Internet of Things (IoT) market is expected to grow strongly in the coming years, as new services are deployed on top of old technologies, making the transition for consumers easier and cheaper. One example is devices for cars On Board Diagnostics (OBD) port which transforms old dumb cars into intelligent smart cars, a backward enablement for analog vehicles. Consumers are using their smartphone to make their car smarter and the driving experience better. 2018 is proving that intelligent homes and cities can be realised incrementally without a complete overhaul of network and technology.

The combined growth of novel IoT products as well as innovative IoT solutions to make old products smart is likely to fuel the demand of IoT batteries. However, there remain challenges for IoT batteries being used in IoT devices. Battery –life, size, and charging option are major challenges that are being discussed in this Report.

Research finds out that batteries are assuming new form factors, becoming ultra-thin, flexible, rollable, stretchable, etc. Batteries with novel form factors, such as thin, printed, and /or flexible batteries are in the focus thanks to the multifold rise of IoT in different ways from industries to consumers to civil applications. These applications require new features and battery designs that traditional battery technologies simply cannot provide. For example, a company is working on charging technique that uses human sweat as a power source, potentially strong enough to drive an ultra-low-power radio.

This has opened the door to innovation and added a new dimension to the global competition among battery manufacturers. Researchica predicts that this market will grow to become a US\$ 1.2 billion industry in 2025 from a small market base today.

This IoT Battery Research provides critical analysis of the key business models, strategies and developments, whilst providing insights into the future of the IoT battery market. The research charts key macro trends, IoT battery technology innovation trend, IoT player strategies, and is a must-have purchase for both leaders and start-ups looking to establish a position in this sector.

Researchica's insightful IoT battery research provides in-depth analysis of the future outlook for the IoT battery in terms of capabilities, new form factors, service provider opportunities as well as key market forces.

This research includes analysis and forecasts for major stakeholders of the IoT battery market. The research also provides analysis and forecasts for the application of IoT battery across key industry sectors, including Industrial Automation, Factory and warehouse, Healthcare, Automotive, Supply Chain / Fleet Management, Oil and Gas, Agriculture, Entertainment & Media, and Military & Aerospace.

Unique Attributes

1. Power challenges for IoT devices in 2018 and beyond
2. Future direction of IoT battery development
3. Top IoT power and battery Innovations
4. Ideal measures for evaluation and selection of IoT batteries

Questions Answered by the Report

1. What are the latest available IoT batteries and what are their special physical and mechanical properties?
 1. What are the most critical battery related issues faced by companies that develop new IoT based solutions?
 2. What are various breakthrough innovations in IoT batteries? What is their scope and importance?
 3. What emerging technologies and services are driving the IoT battery market?
 4. Which type of IoT batteries is going to be more demandable in the coming years? And, what are the key reasons for their growing demand?
 5. What is the projected market potential of IoT battery during the next 5 years?

Companies Mentioned in the Report

Blue Spark Technologies, BrightVolt, Cymbet Corporation, Enfucell Oy, Ilika PLC,

Imprint Energy, Jenax Inc., LG Chem, Ltd, Paper Battery Company, STMicroelectronics N.V.

Target Audience:

IoT Players, Chip Manufacturers, Sensor Manufacturers, Battery Manufacturers, Semiconductor Companies, IoT Platform Providers, IoT Device Manufacturers, Original Equipment Manufacturers (OEMs), Original Design Manufacturers (ODMs) and OEM Technology Solution Providers, Research Organisations, Technology Standard Organisations, Forums, Alliances and Associations, Technology Investors, Governments, Financial Institutions, and Investment Communities, Analysts and Strategic Business Planners.

Contents

1 INTRODUCTION

- 1.1 Objectives of the Study
- 1.2 Scope of the Study
 - 1.2.1 M2M
 - 1.2.2 IoT
 - 1.2.3 Battery for IoT Devices
- 1.3 Research Methodology

2 EXECUTIVE SUMMARY

- 2.1 Top 10 IoT Battery Market Developments of 2017
- 2.2 Power Challenges for IoT Devices in 2018 and beyond
- 2.3 Top IoT Power and Battery Innovations
- 2.4 Analyst Viewpoint
 - 2.4.1 Emergence of IoT to boost flexible battery market
 - 2.4.2 Emerging IoT Battery Options and Alternatives
 - 2.4.3 Future Direction of IoT Battery Development
- 2.5 IoT Battery Market Outlook

3 IOT BATTERY MARKET STRUCTURE, ECOSYSTEM, AND VALUE CHAIN ANALYSIS

- 3.1 Overview
- 3.2 IoT Battery Market Structure
- 3.3 Key Stakeholders of IoT Battery Market
- 3.4 IoT Battery Market Competitive Landscape
 - 3.4.1 Overview
 - 3.4.2 Key Players in IoT Battery Market
 - 3.4.3 Competitive Situations and Trends
 - 3.4.4 New Product Developments
 - 3.4.5 Partnerships, Agreements, Contracts, Joint Venture, and Collaborations
 - 3.4.6 Mergers & Acquisitions
- 3.5 Standards for IoT Battery
 - 3.5.1 General
 - 3.5.2 Present status
 - 3.5.3 Standardisation needs and outlook

3.5.4 Challenges and future standardisation needs

4 IOT BATTERY MANUFACTURING: KEY REQUIREMENTS AND COST ANALYSIS

4.1 Project Key Considerations

4.1.1 Location/Size

4.1.2 Infrastructure Availability/Connectivity

4.1.3 Raw Material

4.1.4 Manpower

4.1.5 Key Players

4.1.5.1 Raw Material Suppliers

4.1.5.2 Machinery Suppliers

4.1.6 Potential Collaboration Opportunities

4.2 IoT Battery Key Raw Materials Analysis

4.2.1 Key Raw Materials Used in IoT Batteries

4.2.2 Price Trend of Key Raw Materials

4.2.3 Key Suppliers of Raw Materials

4.2.4 Market Concentration Rate of Raw Materials

4.3 Proportion of Manufacturing Cost Structure

4.3.1 Raw Materials

4.3.2 Labor Cost

4.4 IoT Battery Manufacturing Process Analysis

5 IOT BATTERY VENDOR PROFILES

5.1 Blue Spark Technologies

5.1.1 Company Overview

5.1.2 Product Portfolio

5.1.3 Recent Developments

5.2 BrightVolt

5.2.1 Company Overview

5.2.2 Product Portfolio

5.2.3 Recent Developments

5.3 Cymbet Corporation

5.3.1 Company Overview

5.3.2 Product Portfolio

5.3.3 Recent Developments

5.4 Enfucell Oy

5.4.1 Company Overview

- 5.4.2 Product Portfolio
- 5.4.3 Recent Developments
- 5.5 Ilika PLC
 - 5.5.1 Company Overview
 - 5.5.2 Product Portfolio
 - 5.5.3 Recent Developments
- 5.6 Imprint Energy
 - 5.6.1 Company Overview
 - 5.6.2 Product Portfolio
 - 5.6.3 Recent Developments
- 5.7 Jenax Inc.
 - 5.7.1 Company Overview
 - 5.7.2 Product Portfolio
 - 5.7.3 Recent Developments
- 5.8 LG Chem, Ltd
 - 5.8.1 Company Overview
 - 5.8.2 Product Portfolio
 - 5.8.3 Recent Developments
- 5.9 Paper Battery Company
 - 5.9.1 Company Overview
 - 5.9.2 Product Portfolio
 - 5.9.3 Recent Developments
- 5.1 STMicroelectronics N.V.
 - 5.10.1 Company Overview
 - 5.10.2 Product Portfolio
 - 5.10.3 Recent Developments

6 IOT BATTERY MARKET FORECAST 2018-2025

- 6.1 Global IoT Battery Market 2018-2025
- 6.2 IoT Battery Market by Region 2018-2025
 - 6.2.1 North America
 - 6.2.1.1 U.S.
 - 6.2.1.2 Canada
- 6.3 Europe
 - 6.3.1 Germany
 - 6.3.2 United Kingdom
 - 6.3.3 France
 - 6.3.4 Italy

- 6.3.5 Spain
- 6.3.6 Rest of Europe
- 6.4 Asia Pacific
 - 6.4.1 China
 - 6.4.2 Japan
 - 6.4.3 South Korea
 - 6.4.4 India
 - 6.4.5 Australia
 - 6.4.6 Rest of APAC
- 6.5 Latin America
- 6.6 Middle East & Africa
- 6.7 IoT Battery Market by Type
 - 6.7.1 Chemical Batteries
 - 6.7.1.1 Lithium
 - 6.7.1.2 Alkaline
 - 6.7.1.3 Lead Acid
 - 6.7.2 Thin-Film Batteries
 - 6.7.3 Printed Battery
 - 6.7.4 IoT Battery with other form factor
- 6.8 IoT Battery Market by Vertical
 - 6.8.1 Industrial Automation
 - 6.8.2 Factory and warehouse
 - 6.8.3 Healthcare
 - 6.8.4 Automotive
 - 6.8.5 Supply Chain/Fleet Management
 - 6.8.6 Oil and Gas
 - 6.8.7 Agriculture
 - 6.8.8 Entertainment & Media
 - 6.8.9 Military & Aerospace

7 CONCLUSIONS, RECOMMENDATIONS, AND STRATEGIC ANALYSIS

List Of Figures

LIST OF FIGURES

- Figure 1 Global IoT Battery Shipment (In Million Units), 2018-2025
- Figure 2 Global IoT Battery Market Revenue (In US\$ Million), 2018-2025
- Figure 3 IoT Battery Shipment by Region (In Million Units), 2018-2025
- Figure 4 IoT Battery Market Revenue by Region (In US\$ Million), 2018-2025
- Figure 5 North America IoT Battery Shipment (In Million Units), 2018-2025
- Figure 6 North America IoT Battery Market Revenue (In US\$ Million), 2018-2025
- Figure 7 USA IoT Battery Shipment (In Million Units), 2018-2025
- Figure 8 USA IoT Battery Market Revenue (In US\$ Million), 2018-2025
- Figure 9 Canada IoT Battery Shipment (In Million Units), 2018-2025
- Figure 10 Canada IoT Battery Market Revenue (In US\$ Million), 2018-2025
- Figure 11 Europe IoT Battery Shipment (In Million Units), 2018-2025
- Figure 12 Europe IoT Battery Market Revenue (In US\$ Million), 2018-2025
- Figure 13 Germany IoT Battery Shipment (In Million Units), 2018-2025
- Figure 14 Germany IoT Battery Market Revenue (In US\$ Million), 2018-2025
- Figure 15 UK IoT Battery Shipment (In Million Units), 2018-2025
- Figure 16 UK IoT Battery Market Revenue (In US\$ Million), 2018-2025
- Figure 17 France IoT Battery Shipment (In Million Units), 2018-2025
- Figure 18 France IoT Battery Market Revenue (In US\$ Million), 2018-2025
- Figure 19 Italy IoT Battery Shipment (In Million Units), 2018-2025
- Figure 20 Italy IoT Battery Market Revenue (In US\$ Million), 2018-2025
- Figure 21 Spain IoT Battery Shipment (In Million Units), 2018-2025
- Figure 22 Spain IoT Battery Market Revenue (In US\$ Million), 2018-2025
- Figure 23 Asia Pacific IoT Battery Shipment (In Million Units), 2018-2025
- Figure 24 Asia Pacific IoT Battery Market Revenue (In US\$ Million), 2018-2025
- Figure 25 China IoT Battery Shipment (In Million Units), 2018-2025
- Figure 26 China IoT Battery Market Revenue (In US\$ Million), 2018-2025
- Figure 27 Japan IoT Battery Shipment (In Million Units), 2018-2025
- Figure 28 Japan IoT Battery Market Revenue (In US\$ Million), 2018-2025
- Figure 29 South Korea IoT Battery Shipment (In Million Units), 2018-2025
- Figure 30 South Korea IoT Battery Market Revenue (In US\$ Million), 2018-2025
- Figure 31 India IoT Battery Shipment (In Million Units), 2018-2025
- Figure 32 India IoT Battery Market Revenue (In US\$ Million), 2018-2025
- Figure 33 Australia IoT Battery Shipment (In Million Units), 2018-2025
- Figure 34 Australia IoT Battery Market Revenue (In US\$ Million), 2018-2025
- Figure 35 Latin America IoT Battery Shipment (In Million Units), 2018-2025

Figure 36 Latin America IoT Battery Market Revenue (In US\$ Million), 2018-2025

Figure 37 Middle East & Africa IoT Battery Shipment (In Million Units), 2018-2025

Figure 38 Middle East & Africa IoT Battery Market Revenue (In US\$ Million), 2018-2025

Figure 39 Chemical IoT Battery Market Revenue (In US\$ Million), 2018-2025

Figure 40 Lithium IoT Battery Market Revenue (In US\$ Million), 2018-2025

Figure 41 Alkaline IoT Battery Market Revenue (In US\$ Million), 2018-2025

Figure 42 Lead Acid IoT Battery Market Revenue (In US\$ Million), 2018-2025

Figure 43 Thin-Film IoT Battery Market Revenue (In US\$ Million), 2018-2025

Figure 44 Printed Battery IoT Battery Market Revenue (In US\$ Million), 2018-2025

Figure 45 Global IoT Battery Market Revenue by Vertical (In US\$ Million), 2018-2025

Figure 46 Global IoT Battery Market Revenue for Industrial Automation (In US\$ Million), 2018-2025

Figure 47 Global IoT Battery Market Revenue for Industrial Automation (In US\$ Million), 2018-2025

Figure 48 Global IoT Battery Market Revenue for Healthcare (In US\$ Million), 2018-2025

Figure 49 Global IoT Battery Market Revenue for Automotive (In US\$ Million), 2018-2025

Figure 50 Global IoT Battery Market Revenue for Supply Chain/Fleet Management (In US\$ Million), 2018-2025

Figure 51 Global IoT Battery Market Revenue for Oil and Gas (In US\$ Million), 2018-2025

Figure 52 Global IoT Battery Market Revenue for Agriculture (In US\$ Million), 2018-2025

Figure 53 Global IoT Battery Market Revenue for Entertainment & Media (In US\$ Million), 2018-2025

Figure 54 Global IoT Battery Market Revenue for Military & Aerospace (In US\$ Million), 2018-2025

List Of Tables

LIST OF TABLES

Table 1 Global IoT Battery Shipment (In Million Units), 2018-2025
Table 2 Global IoT Battery Market Revenue (In US\$ Million), 2018-2025
Table 3 IoT Smart Battery Shipment by Region (In Million Units), 2018-2025
Table 4 IoT Smart Battery Market Revenue by Region (In US\$ Million), 2018-2025
Table 5 North America IoT Battery Shipment (In Million Units), 2018-2025
Table 6 North America IoT Battery Market Revenue (In US\$ Million), 2018-2025
Table 7 USA IoT Battery Shipment (In Million Units), 2018-2025
Table 8 USA IoT Battery Market Revenue (In US\$ Million), 2018-2025
Table 9 Canada IoT Battery Shipment (In Million Units), 2018-2025
Table 10 Canada IoT Battery Market Revenue (In US\$ Million), 2018-2025
Table 11 Europe IoT Battery Shipment (In Million Units), 2018-2025
Table 12 Europe IoT Battery Market Revenue (In US\$ Million), 2018-2025
Table 13 Germany IoT Battery Shipment (In Million Units), 2018-2025
Table 14 Germany IoT Battery Market Revenue (In US\$ Million), 2018-2025
Table 15 UK IoT Battery Shipment (In Million Units), 2018-2025
Table 16 UK IoT Battery Market Revenue (In US\$ Million), 2018-2025
Table 17 France IoT Battery Shipment (In Million Units), 2018-2025
Table 18 France IoT Battery Market Revenue (In US\$ Million), 2018-2025
Table 19 Italy IoT Battery Shipment (In Million Units), 2018-2025
Table 20 Italy IoT Battery Market Revenue (In US\$ Million), 2018-2025
Table 21 Spain IoT Battery Shipment (In Million Units), 2018-2025
Table 22 Spain IoT Battery Market Revenue (In US\$ Million), 2018-2025
Table 23 Asia Pacific IoT Battery Shipment (In Million Units), 2018-2025
Table 24 Asia Pacific IoT Battery Market Revenue (In US\$ Million), 2018-2025
Table 25 China IoT Battery Shipment (In Million Units), 2018-2025
Table 26 China IoT Battery Market Revenue (In US\$ Million), 2018-2025
Table 27 Japan IoT Battery Shipment (In Million Units), 2018-2025
Table 28 Japan IoT Battery Market Revenue (In US\$ Million), 2018-2025
Table 29 South Korea IoT Battery Shipment (In Million Units), 2018-2025
Table 30 South Korea IoT Battery Market Revenue (In US\$ Million), 2018-2025
Table 31 India IoT Battery Shipment (In Million Units), 2018-2025
Table 32 India IoT Battery Market Revenue (In US\$ Million), 2018-2025
Table 33 Australia IoT Battery Shipment (In Million Units), 2018-2025
Table 34 Australia IoT Battery Market Revenue (In US\$ Million), 2018-2025
Table 35 Latin America IoT Battery Shipment (In Million Units), 2018-2025

Table 36 Latin America IoT Battery Market Revenue (In US\$ Million), 2018-2025

Table 37 Middle East & Africa IoT Battery Shipment (In Million Units), 2018-2025

Table 38 Middle East & Africa IoT Battery Market Revenue (In US\$ Million), 2018-2025

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