

# Battery Market for IoT by Type, Rechargeability, End-use Application, and Geography - Global Forecast to 2025

<https://marketpublishers.com/r/BCA8E62B74B5EN.html>

Date: May 2020

Pages: 149

Price: US\$ 4,950.00 (Single User License)

ID: BCA8E62B74B5EN

## Abstracts

“Battery market for IoT is expected to grow at CAGR of 11.6% from 2020 to 2025”

The global battery market size for IoT is estimated to grow from USD 9.2 billion in 2020 to USD 15.9 billion in 2025; growing at a CAGR of 11.6% from 2020 to 2025. The major factors driving the growth of the market are multi-fold rise in the use of IoT and increase in the adoption of IoT-enabled devices, increase in global demand for wireless communication, surge in R&D activities to develop advanced, flexible, and thin batteries, and rise in demand for thin and flexible batteries used in IoT-enabled devices. However, high upfront costs involved in the development of thin and flexible batteries, and the ecological implications of the disposing of battery wastes hinder the growth of the market.

Lithium batteries segment is expected to continue to account for largest size of battery market for IoT during forecast period.

Lithium batteries have a plethora of applications in IoT devices such as wearables, home automation devices, retail, aerospace, and defense. Moreover, features such as high energy density is a key factor complementing its growth among other batteries

Primary batteries segment is expected to witness highest CAGR in battery market for IoT from 2020 to 2025.

Primary batteries are used in products that do not require high power and have a limited lifespan. These batteries are witnessing increasing applications in areas such as smart packaging, smart cards, home automation, retail, and medical and cosmetic patches, as

they have low self-discharge time compared to rechargeable thin-film batteries.

Home automation segment held largest size of battery market for IoT in 2019

The demand for energy-efficient solutions, enhanced security, increased venture capital funding, and the constant need for improving the living standards of individuals have led to the growth of the battery market for IoT for home automation. Building automation, which started with wired technology, has now entered the era of wireless technology with technologies such as ZigBee, Wi-Fi, and Bluetooth Smart revolutionizing the market. The growing awareness toward energy conservation, stringent legislation and building directives, the promotion of numerous smart grid technologies, and the availability of a number of open protocols are further driving the growth of the building automation market.

Breakdown of profiles of primary participants:

By Company Type: Tier 1 – 20%, Tier 2 – 50%, and Tier 3 – 30%

By Designation: C-level Executives – 30%, Directors – 50%, and Others – 20%

By Region: North America – 35%, Europe – 25%, Asia Pacific (APAC)– 30%, and the Rest of the World (RoW) – 10%

Duracell Inc (Duracell) (US), Energizer Holdings Inc (Energizer) (US), Panasonic Corporation (Panasonic) (Japan), LG Chem Ltd (LG Chem) (South Korea), Samsung SDI Co (Samsung SDI) (South Korea), STmicroelectronics N.V (STmicroelectronics) (Switzerland), Cymbet Corporation Inc (Cymbet) (US), Ultralife Corporation (Ultralife) (US), Ilika Plc (Ilika) (UK), and Imprint Energy Inc (Imprint Energy) (US) are the prominent players in the global battery market for IoT.

Research Coverage:

The battery market for IoT has been segmented based on type, rechargeability, end-use application, and geography. It also provides a detailed view of the market across 4 main regions: North America, Europe, APAC, and RoW.

Reasons to Buy the Report:

This report includes statistics pertaining to the battery market for IoT based on type, rechargeability, end-use application, and geography.

This report includes detailed information on major drivers, restraints, opportunities, and challenges pertaining to the battery market for IoT.

The report includes illustrative segmentation, analysis, and forecast for the battery market for IoT based on its segments and subsegments.

## Contents

### **1. INTRODUCTION**

- 1.1 STUDY OBJECTIVES
- 1.2 MARKET DEFINITION
- 1.3 MARKET SCOPE
  - 1.3.1 MARKETS COVERED
  - 1.3.2 YEARS CONSIDERED
- 1.4 CURRENCY
- 1.5 LIMITATIONS
- 1.6 STAKEHOLDERS

### **2. RESEARCH METHODOLOGY**

- 2.1 RESEARCH DATA
  - 2.1.1 SECONDARY DATA
    - 2.1.1.1 Secondary Sources
  - 2.1.2 PRIMARY DATA
    - 2.1.2.1 Primary Sources
- 2.2 MARKET SIZE ESTIMATION
  - 2.2.1 BOTTOM-UP
  - 2.2.2 TOP-DOWN
- 2.3 DATA TRIANGULATION
- 2.4 RESEARCH ASSUMPTIONS

### **3. EXECUTIVE SUMMARY**

### **4. PREMIUM INSIGHTS**

### **5. INTERNET OF THINGS MARKET - START-UP SCENARIO**

- 5.1 START-UP COMPANY ANALYSIS BY
  - 5.1.1 GLOBAL FOOTPRINT
  - 5.1.2 REVENUE
  - 5.1.3 MARKET RANKING/SHARE INTERVAL
  - 5.1.4 VENTURE CAPITAL AND FUNDING SCENARIO

### **6. MARKET OVERVIEW AND INDUSTRY TRENDS**

- 6.1 INTRODUCTION
- 6.2 MARKET DYNAMICS
  - 6.2.1 DRIVERS
  - 6.2.2 RESTRAINTS
  - 6.2.3 OPPORTUNITIES
  - 6.2.4 CHALLENGES
- 6.3 USE CASES
  - 6.3.1 SMART RETAIL
  - 6.3.2 CONNECTED HEALTH
  - 6.3.3 BUILDING AND HOME AUTOMATION
  - 6.3.4 SMART LOGISTICS
  - 6.3.5 SMART MOBILITY AND TRANSPORTATION
  - 6.3.6 SMART GRID AND UTILITIES
  - 6.3.7 SMART MANUFACTURING
  - 6.3.8 SMART HOME
  - 6.3.9 OTHERS
- 6.4 REGULATORY FRAMEWORK (FOR IOT BATTERY)
  - 6.4.1 GENERAL
  - 6.4.2 PRESENT STATUS
  - 6.4.3 STANDARDIZATION NEEDS AND OUTLOOK
  - 6.4.4 CHALLENGES AND FUTURE STANDARDIZATION NEEDS
- 6.5 IMPACT OF OTHER DISRUPTIVE TECHNOLOGIES
  - 6.5.1 ARTIFICIAL INTELLIGENCE (AI)
  - 6.5.2 5G
  - 6.5.3 SMART TRANSPORTATION
  - 6.5.4 SMART ENERGY
- 6.6 IOT CHARACTERISTICS
- 6.7 VALUE CHAIN ANALYSIS
- 6.8 PRICE TRENDS ANALYSIS
- 6.9 TRENDS IN BATTERY-LESS IOT TECHNOLOGY
  - 6.9.1 AMBIENT ENERGY HARVESTING
    - 6.9.1.1 Piezoelectric
    - 6.9.1.2 Thermoelectric (PV)
    - 6.9.1.3 Kinetic
    - 6.9.1.4 Photoelectric
  - 6.9.2 BATTERY-FREE BLUETOOTH TAGS
- 6.10 EMERGING BATTERY TECHNOLOGY: ZINC-AIR BATTERIES
- 6.11 IMPACT OF COVID-19 ON BATTERY MARKET

## **7 BATTERY MARKET FOR IOT, BY TYPE (USD MILLION AND MILLION UNITS)**

### **7.1 INTRODUCTION**

### **7.2 CHEMICAL BATTERIES**

#### **7.2.1 LITHIUM BATTERIES**

#### **7.2.2 ALKALINE BATTERIES**

#### **7.2.3 OTHERS**

### **7.3 THIN-FILM BATTERIES**

### **7.4 PRINTED BATTERIES**

### **7.5 SOLID-STATE CHIP BATTERIES**

## **8 BATTERY MARKET FOR IOT, BY RECHARGEABILITY (USD MILLION)**

### **8.1 PRIMARY BATTERIES**

### **8.2 SECONDARY BATTERIES**

## **9. BATTERY MARKET FOR IOT, BY END-USE APPLICATION (USD MILLION AND MILLION UNITS)**

### **9.1 WEARABLE DEVICES**

#### **9.1.1 ACTIVITY MONITORS**

#### **9.1.2 SMART WATCHES**

#### **9.1.3 SMART GLASSES**

#### **9.1.4 BODY-WORN CAMERAS**

#### **9.1.5 HEARABLES**

### **9.2 CONSUMER ELECTRONICS**

### **9.3 HEALTHCARE**

#### **9.3.1 FITNESS AND HEART RATE MONITORS**

#### **9.3.2 BLOOD PRESSURE MONITORS**

#### **9.3.3 BLOOD GLUCOSE METERS**

#### **9.3.4 FALL DETECTORS**

#### **9.3.5 OTHERS**

### **9.4 HOME AUTOMATION**

#### **9.4.1 SMART LOCKS**

#### **9.4.2 SECURITY CAMERAS**

#### **9.4.3 SMART METERS**

#### **9.4.4 WIRELESS ALARMS AND THEFT DETECTION SYSTEMS**

#### **9.4.5 OCCUPANCY SENSORS**

- 9.4.6 SMOKE DETECTORS
- 9.4.7 GARAGE DOOR SENSORS
- 9.4.8 WINDOW SENSORS
- 9.4.9 WATER LEAK DETECTION SENSORS
- 9.5 RETAIL
  - 9.5.1 CONTACTLESS POINT OF SALES (POS)
  - 9.5.2 WIRELESS BEACONS
  - 9.5.3 SMART TAGS
- 9.6 BFSI
  - 9.6.1 MOBILE POINT OF SALES (MPOS)
- 9.7 AEROSPACE AND DEFENSE
  - 9.7.1 SMART BEACONS
  - 9.7.2 DRONES/ UNMANNED AERIAL VEHICLES (UAV)
  - 9.7.3 SMART BAGGAGE TAGS
- 9.8 INDUSTRIAL
- 9.9 AGRICULTURE
  - 9.9.1 AGRICULTURE DRONES
  - 9.9.2 AGRICULTURE ROBOTS
  - 9.9.3 SOIL MOISTURE SENSORS
  - 9.9.4 LIVE STOCK RFID TAGS
- 9.10 SMART PACKAGING

## **10 BATTERY MARKET FOR IOT, BY GEOGRAPHY (USD MILLION)**

- 10.1 INTRODUCTION
- 10.2 NORTH AMERICA
  - 10.2.1 US
  - 10.2.2 CANADA
- 10.3 EUROPE
  - 10.3.1 UK
  - 10.3.2 GERMANY
  - 10.3.3 FRANCE
  - 10.3.4 REST OF EUROPE
- 10.4 ASIA PACIFIC
  - 10.4.1 CHINA
  - 10.4.2 JAPAN
  - 10.4.3 SOUTH KOREA
  - 10.4.4 INDIA
  - 10.4.5 REST OF APAC

## 10.5 REST OF THE WORLD

### 10.5.1 MIDDLE EAST & AFRICA (MEA)

### 10.5.2 LATIN AMERICA

## 11 COMPETITIVE LANDSCAPE

### 11.1 OVERVIEW

### 11.2 KEY PLAYERS IN BATTERY MARKET FOR IOT

### 11.3 COMPETITIVE BENCHMARKING AND LANDSCAPE

#### 11.3.1 NEW PRODUCT LAUNCHED AND DEVELOPMENTS

#### 11.3.2 PARTNERSHIPS, COLLABORATIONS, AGREEMENTS, AND ACQUISITIONS

### 11.4 COMPETITIVE LEADERSHIP MAPPING

#### 11.4.1 VISIONARY LEADERS

#### 11.4.2 INNOVATORS

#### 11.4.3 DYNAMIC DIFFERENTIATORS

#### 11.4.4 EMERGING COMPANIES

## 12 COMPANY PROFILES

### 12.1 KEY PLAYERS

(Business Overview, Products Offered, Recent Developments, SWOT Analysis, and MnM View)\*

#### 12.1.1 DURACELL

#### 12.1.2 ENERGIZER

#### 12.1.3 PANASONIC

#### 12.1.4 LG CHEM

#### 12.1.5 SAMSUNG SDI

#### 12.1.6 STMICROELECTRONICS

#### 12.1.7 CYMBET

#### 12.1.8 ULTRALIFE

#### 12.1.9 IMPRINT ENERGY

#### 12.1.10 ILIKA

#### 12.1.11 BLUE SPARK TECHNOLOGIES

#### 12.1.12 ENFUCELL

#### 12.1.13 BRIGHTVOLT

#### 12.1.14 SAFT

#### 12.1.15 POWER PAPER

#### 12.1.16 JENAX

### 12.2 RIGHT TO WIN



## 12.3 OTHER KEY PLAYERS

### 12.3.1 FRONT EDGE TECHNOLOGY

### 12.3.2 ROCKET ELECTRIC

### 12.3.3 GUANGZHOU FULLRIVER BATTERY NEW TECHNOLOGY

### 12.3.4 ITEN

\*Details on Business Overview, Products Offered, Recent Developments, SWOT Analysis, and MnM View might not be captured in case of unlisted companies.

## 13 APPENDIX

### 13.1 KNOWLEDGE STORE

### 13.2 RELATED REPORTS

## List Of Tables

### LIST OF TABLES

TABLE 1 BATTERY MARKET FOR IOT, BY TYPE, 2018–2025, (USD MILLION)

TABLE 2 BATTERY MARKET FOR IOT, BY TYPE, 2018–2025, (MILLION UNITS)

TABLE 3 BATTERY MARKET FOR IOT, BY RECHARGEABILITY, 2018–2025, (USD MILLION)

TABLE 4 BATTERY MARKET FOR IOT, BY END-USE APPLICATION, 2018–2025, (USD MILLION)

TABLE 5 BATTERY MARKET FOR IOT, BY END-USE APPLICATION, 2018–2025, (MILLION UNITS)

TABLE 6 BATTERY MARKET FOR IOT IN WEARABLE DEVICES, BY DEVICE TYPE, 2018–2025, (MILLION UNITS)

TABLE 7 BATTERY MARKET FOR IOT IN WEARABLE DEVICES, BY DEVICE TYPE, 2018–2025 (USD MILLION)

TABLE 8 BATTERY MARKET FOR IOT IN WEARABLE DEVICES, BY BATTERY TYPE, 2018–2025 (MILLION UNITS)

TABLE 9 BATTERY MARKET FOR IOT IN WEARABLE DEVICES, BY BATTERY TYPE, 2018–2025 (USD MILLION)

TABLE 10 BATTERY MARKET FOR IOT FOR WEARABLE DEVICES, BY RECHARGEABILITY, 2018–2025, (USD MILLION)

TABLE 11 BATTERY MARKET FOR IOT FOR WEARABLE DEVICES, BY REGION, 2018–2025, (USD MILLION)

TABLE 12 BATTERY MARKET FOR IOT FOR CONSUMER ELECTRONICS, BY REGION, 2018–2025, (USD THOUSAND)

TABLE 13 BATTERY MARKET FOR CONSUMER ELECTRONICS, BY TYPE, 2018–2025 (THOUSAND UNITS)

TABLE 14 BATTERY MARKET FOR CONSUMER ELECTRONICS, BY TYPE, 2018–2025 (USD THOUSAND)

TABLE 15 BATTERY MARKET FOR IOT FOR CONSUMER ELECTRONICS, BY RECHARGEABILITY, 2018–2025, (USD THOUSAND)

TABLE 16 BATTERY MARKET FOR IOT IN HEALTHCARE, BY DEVICE TYPE, 2018–2025, (MILLION UNITS)

TABLE 17 BATTERY MARKET FOR IOT IN HEALTHCARE, BY DEVICE TYPE, 2018–2025, (USD MILLION)

TABLE 18 BATTERY MARKET FOR IOT IN HEALTHCARE, BY BATTERY TYPE, 2018–2025, (MILLION UNITS)

TABLE 19 BATTERY MARKET FOR IOT IN HEALTHCARE, BY BATTERY TYPE,

2018–2025, (USD MILLION)

TABLE 20 BATTERY MARKET FOR IOT IN HEALTHCARE, BY RECHARGEABILITY,  
2018–2025, (USD MILLION)

TABLE 21 BATTERY MARKET FOR IOT FOR HEALTHCARE, BY REGION,  
2018–2025, (USD MILLION)

TABLE 22 BATTERY MARKET FOR IOT IN HOME AUTOMATION, BY DEVICE TYPE,  
2018–2025, (MILLION UNITS)

TABLE 23 BATTERY MARKET FOR IOT IN HOME AUTOMATION, BY DEVICE TYPE,  
2018–2025, (USD MILLION)

TABLE 24 BATTERY MARKET FOR IOT IN HOME AUTOMATION, BY BATTERY  
TYPE, 2018–2025, (USD MILLION)

TABLE 25 BATTERY MARKET FOR IOT IN HOME AUTOMATION, BY  
RECHARGEABILITY, 2018–2025, (USD MILLION)

TABLE 26 BATTERY MARKET FOR IOT IN HOME AUTOMATION, BY BATTERY  
TYPE, 2018–2025, (MILLION UNITS)

TABLE 27 BATTERY MARKET FOR IOT FOR HOME AUTOMATION, BY REGION,  
2018–2025, (USD MILLION)

TABLE 28 BATTERY MARKET FOR IOT IN RETAIL, BY DEVICE TYPE, 2018–2025,  
(MILLION UNITS)

TABLE 29 BATTERY MARKET FOR IOT IN RETAIL, BY DEVICE TYPE, 2018–2025,  
(USD MILLION)

TABLE 30 BATTERY MARKET FOR IOT IN RETAIL, BY BATTERY TYPE, 2018–2025,  
(MILLION UNITS)

TABLE 31 BATTERY MARKET FOR IOT IN RETAIL, BY BATTERY TYPE, 2018–2025,  
(USD MILLION)

TABLE 32 BATTERY MARKET FOR IOT IN HOME AUTOMATION, BY  
RECHARGEABILITY, 2018–2025, (USD MILLION)

TABLE 33 BATTERY MARKET FOR IOT FOR RETAIL, BY REGION, 2018–2025,  
(USD MILLION)

TABLE 34 BATTERY MARKET FOR IOT IN BFSI, BY DEVICE TYPE, 2018–2025

TABLE 35 BATTERY MARKET FOR IOT FOR BFSI, BY REGION, 2018–2025, (USD  
MILLION)

TABLE 36 BATTERY MARKET FOR IOT IN BFSI, BY BATTERY TYPE, 2018–2025

TABLE 37 BATTERY MARKET FOR IOT IN AEROSPACE AND DEFENSE, BY  
DEVICE TYPE, 2018–2025, (MILLION UNITS)

TABLE 38 BATTERY MARKET FOR IOT IN AEROSPACE AND DEFENSE, BY  
DEVICE TYPE, 2018–2025, (USD MILLION)

TABLE 39 BATTERY MARKET FOR IOT IN AEROSPACE AND DEFENSE, BY  
BATTERY TYPE, 2018–2025, (MILLION UNITS)

TABLE 40 BATTERY MARKET FOR IOT IN AEROSPACE & DEFENSE, BY BATTERY TYPE, 2018–2025

TABLE 41 BATTERY MARKET FOR IOT IN AEROSPACE & DEFENSE, BY RECHARGEABILITY, 2018–2025

TABLE 42 BATTERY MARKET FOR IOT FOR AEROSPACE AND DEFENSE, BY REGION, 2018–2025, (USD MILLION)

TABLE 43 BATTERY MARKET FOR IOT IN INDUSTRIAL, BY DEVICE TYPE, 2018–2025

TABLE 44 BATTERY MARKET FOR IOT FOR INDUSTRIAL, BY REGION, 2018–2025, (USD MILLION)

TABLE 45 BATTERY MARKET FOR IOT IN INDUSTRIAL, BY BATTERY TYPE, 2018–2025

TABLE 46 BATTERY MARKET FOR IOT IN AGRICULTURE, BY DEVICE TYPE, 2018–2025, (MILLION UNITS)

TABLE 47 BATTERY MARKET FOR IOT IN AGRICULTURE, BY DEVICE TYPE, 2018–2025, (USD MILLION)

TABLE 48 BATTERY MARKET FOR IOT IN AGRICULTURE, BY BATTERY TYPE, 2018–2025, (MILLION UNITS)

TABLE 49 BATTERY MARKET FOR IOT FOR AGRICULTURE, BY REGION, 2018–2025, (USD MILLION)

TABLE 50 BATTERY MARKET FOR IOT IN AGRICULTURE, BY BATTERY TYPE, 2018–2025

TABLE 51 BATTERY MARKET FOR IOT IN AGRICULTURE, BY RECHARGEABILITY, 2018–2025

TABLE 52 BATTERY MARKET FOR SMART PACKAGING, BY TYPE, 2018–2025 (MILLION UNITS)

TABLE 53 BATTERY MARKET FOR SMART PACKAGING, BY TYPE, 2018–2025 (USD MILLION)

TABLE 54 BATTERY MARKET FOR IOT FOR SMART PACKAGING, BY REGION, 2018–2025, (USD MILLION)

TABLE 55 BATTERY MARKET FOR IOT IN SMART PACKAGING, BY RECHARGEABILITY, 2018–2025

TABLE 56 BATTERY MARKET FOR IOT, BY REGION, 2018–2025, (USD MILLION)

TABLE 57 BATTERY MARKET OF IOT IN NORTH AMERICA, BY COUNTRY, 2018–2025, (USD MILLION)

TABLE 58 BATTERY MARKET OF IOT IN EUROPE, BY COUNTRY, 2018–2025, (USD MILLION)

TABLE 59 BATTERY MARKET OF IOT IN APAC, BY COUNTRY, 2018–2025, (USD MILLION)

TABLE 60 BATTERY MARKET OF IOT IN ROW, BY REGION, 2018–2025, (USD MILLION)

TABLE 61 NEW PRODUCT LAUNCHES AND DEVELOPMENTS

TABLE 62 PARTNERSHIPS, COLLABORATIONS, AGREEMENTS, AND ACQUISITIONS

## List Of Figures

### LIST OF FIGURES

FIGURE 1 BATTERY MARKET FOR IOT - SEGMENTATION

FIGURE 2 BATTERY MARKET FOR IOT: RESEARCH DESIGN

FIGURE 3 SECONDARY SOURCES

FIGURE 4 PRIMARY SOURCES

FIGURE 5 BATTERY MARKET FOR IOT: RESEARCH DESIGN

FIGURE 6 BOTTOM-UP APPROACH

FIGURE 7 TOP-DOWN APPROACH

FIGURE 8 DATA TRIANGULATION

FIGURE 9 BATTERY MARKET FOR IOT: RESEARCH DESIGN

FIGURE 10 MICRO-BATTERY SEGMENT TO GROW AT HIGHEST CAGR FROM 2020 TO 2025

FIGURE 11 BATTERY MARKET FOR IOT IN APAC TO GROW AT HIGHEST CAGR FROM

### 2020 TO 2025

FIGURE 12 RISING NEED FOR THIN AND FLEXIBLE BATTERIES IN IOT AND MEDICAL DEVICES DRIVE MARKET GROWTH

FIGURE 13 SECONDARY BATTERY SEGMENT TO CONTINUE TO ACCOUNT FOR LARGEST SIZE OF BATTERY MARKET FOR IOT DURING FORECAST PERIOD

FIGURE 14 HOME AUTOMATION SEGMENT IS EXPECTED TO HOLD LARGEST SIZE OF BATTERY MARKET FOR IOT, IN TERMS OF VOLUME, FROM 2020 TO 2025

FIGURE 15 BATTERY MARKET FOR IOT: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES

FIGURE 16 BATTERY MARKET FOR IOT

FIGURE 17 LITHIUM PRICE TREND

FIGURE 18 LITHIUM BATTERIES SEGMENT ACCOUNTED FOR A LARGEST SIZE OF BATTERY MARKET FOR IOT FROM 2020 TO 2025

FIGURE 19 SECONDARY BATTERIES SEGMENT TO LEAD BATTERY MARKET FOR IOT FROM 2020 TO 2025

FIGURE 20 BATTERY MARKET FOR IOT IN AEROSPACE AND DEFENSE PROJECTED TO GROW AT THE HIGHEST CAGR FROM 2020 TO 2025

FIGURE 21 BLOOD PRESSURE MONITORS SEGMENT EXPECTED TO ACCOUNT FOR LARGEST SHARE OF BATTERY MARKET FOR IOT (IN TERMS OF UNITS

SHIPPED) IN 2020

FIGURE 22 BATTERY MARKET FOR IOT IN APAC IS EXPECTED TO GROW AT THE HIGHEST CAGR FROM 2020 TO 2025

FIGURE 23 NORTH AMERICA SNAPSHOT

FIGURE 24 EUROPE SNAPSHOT

FIGURE 25 APAC SNAPSHOT

FIGURE 26 COMPETITIVE LEADERSHIP MAPPING

FIGURE 27 DURACELL: COMPANY SNAPSHOT

FIGURE 28 ENERGIZER: COMPANY SNAPSHOT

FIGURE 29 PANASONIC CORPORATION: COMPANY SNAPSHOT

FIGURE 30 LG CHEM: COMPANY SNAPSHOT

FIGURE 31 SAMSUNG SDI: COMPANY SNAPSHOT

FIGURE 32 STMICROELECTRONICS: COMPANY SNAPSHOT

FIGURE 33 CYMBET: COMPANY SNAPSHOT

FIGURE 34 ULTRALIFE: COMPANY SNAPSHOT

FIGURE 35 IMPRINT ENERGY: COMPANY SNAPSHOT

FIGURE 36 ILIKA: COMPANY SNAPSHOT

FIGURE 37 BLUE SPARK TECHNOLOGIES: COMPANY SNAPSHOT

FIGURE 38 ENFUCELL: COMPANY SNAPSHOT

FIGURE 39 BRIGHTVOLT: COMPANY SNAPSHOT

FIGURE 40 SAFT: COMPANY SNAPSHOT

FIGURE 41 POWER PAPER: COMPANY SNAPSHOT

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