

Lithium Iron Phosphate Batteries Market by Design (Cells, Battery Packs), Capacity, Industry (Automotive, Power, Industrial, Aerospace, Marine), Application (Portable, Stationary), Voltage (Low, Medium, High) & Region - Global forecast to 2027

Market Report | 2022-07-08 | 226 pages | MarketsandMarkets

### **AVAILABLE LICENSES:**

- Single User \$4950.00
- Multi User \$6650.00
- Corporate License \$8150.00
- Enterprise Site License \$10000.00

### Report description:

The global lithium iron phosphate batteries market is projected to reach USD 24.6 billion by 2027 from an estimated market size of USD 13.0 billion in 2022, at a CAGR of 13.7% during the forecast period. The high growth rate of the market can be attributed to the rising adoption of LFP batteries in the automotive sector, especially for EV applications.

"Portable segment dominates the global market"

The lithium iron phosphate batteries market, by application, is segmented into portable and stationary. The portable segment is estimated to be the largest segment of the lithium iron phosphate batteries market and is expected to retain its dominance throughout the forecast period. The characteristics such as ease of use and better operational efficiency has resulted in a higher adoption rate, thus the higher market share.

"Automotive segment to lead the global lithium iron phosphate batteries market"

batteries market can be attributed to the presence of large number of LFP manufacturers in China.

The lithium iron phosphate batteries market, by industry, is segmented into automotive, power, industrial, aerospace, marine and others. The automotive segment is expected to hold the largest size of the market for lithium iron phosphate batteries during the forecast period. The rise in adoption of EVs, owing to the sustainability concerns, is expected to boost the growth of the market. "Asia Pacific dominates the global lithium iron phosphate batteries market in terms of market share and annual growth rate" The Asia Pacific region is estimated to be the largest market for the lithium iron phosphate batteries market and is also witnessed

to have the highest growth rate, during the forecast period. This dominance of the Asia Pacific region in the lithium iron phosphate

Breakdown of Primaries:

In-depth interviews have been conducted with various key industry participants, subject-matter experts, C-level executives of key market players, and industry consultants, among other experts, to obtain and verify critical qualitative and quantitative

information, as well as to assess future market prospects. The distribution of primary interviews is as follows:

By Company Type: Tier I-65%, Tier II-24%, and Tier III-11%

By Designation: C-Level-30%, Director Level-25%, and Others-45%

By Region: Middle East & Africa-8%, Asia Pacific-33%, North America-27%, South & Central America-12%, Europe-20%

Note: Others includes sales managers, marketing managers, product managers, and product engineers.

The tier of the companies is defined on the basis of their total revenue as of 2017; Tier 1: USD 1 billion, Tier 2: from USD 1 billion

to USD 500 million, and Tier 3: <USD 500 million.

The lithium iron phosphate batteries market is served by a mix of large international players with operational presence across the globe and local players commanding a strong supply network in the domestic market. The leading players in the global lithium iron phosphate batteries market include BYD Company Ltd. (China), Contemporary Amperex Technology Co., Limited. (China), K2 Energy (US), A123 Systems (US) And Lithium Werks Inc. (China).

Research Coverage:

The report defines, describes, and forecasts the lithium iron phosphate batteries market, by design, capacity, industry, application, voltage and region. It also offers a detailed qualitative and quantitative analysis of the market. The report provides a comprehensive review of the major market drivers, restraints, opportunities, and challenges. It also covers various important aspects of the market. These include the analysis of the competitive landscape, market dynamics, market estimates, in terms of value, and future trends in the lithium iron phosphate batteries market.

Key Benefits of Buying the Report

- 1. The report identifies and addresses the key markets for lithium iron phosphates batteries, which would help lithium iron phosphates batteries providers review the growth in demand.
- 2. The report helps service providers understand the pulse of the market and provides insights into drivers, restraints, opportunities, and challenges.
- 3. The report will help key players understand the strategies of their competitors better and help them in making better strategic decisions

### **Table of Contents:**

1□INTRODUCTION□26

- 1.1 STUDY OBJECTIVES 26
- 1.2 □ DEFINITION AND SCOPE □ 26
- 1.2.1 INCLUSIONS & EXCLUSIONS 27
- 1.3 MARKET SCOPE □ 27
- 1.3.1⊓MARKETS COVERED□27
- 1.3.2 REGIONAL SCOPE 28
- 1.3.3 ☐YEARS CONSIDERED ☐ 28
- 1.4□CURRENCY□29
- 1.5 LIMITATIONS 29
- 1.6□STAKEHOLDERS□29
- 1.7 SUMMARY OF CHANGES 30
- 2∏RESEARCH METHODOLOGY∏31
- 2.1 RESEARCH DATA 31

FIGURE 1 LITHIUM IRON PHOSPHATE BATTERIES MARKET: RESEARCH DESIGN 31

2.2 □ DATA TRIANGULATION □ 32

FIGURE 2 DATA TRIANGULATION METHODOLOGY 32

- 2.2.1 SECONDARY DATA 33
- 2.2.1.1 Key data from secondary sources 33
- 2.2.2 PRIMARY DATA 34

Scotts International, EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

2.2.2.1 Key data from primary sources 34

2.2.2.2 Breakdown of primaries 35

FIGURE 3∏BREAKDOWN OF PRIMARIES, BY COMPANY TYPE, DESIGNATION, AND REGION∏35

2.3 MARKET SIZE ESTIMATION 36

2.3.1 BOTTOM-UP APPROACH 36

FIGURE 4 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH 36

2.3.2 TOP-DOWN APPROACH 37

FIGURE 5 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH 37

2.4 | IDEAL DEMAND-SIDE ANALYSIS | 38

2.4.1 DEMAND-SIDE METRICS 38

FIGURE 6∏MAIN METRICS CONSIDERED FOR ANALYZING AND ASSESSING DEMAND FOR LITHIUM IRON PHOSPHATE BATTERIES∏38

2.4.2∏ASSUMPTIONS FOR DEMAND-SIDE ANALYSIS∏39

?

2.5 SUPPLY-SIDE ANALYSIS 39

FIGURE 7 KEY METRICS CONSIDERED FOR ASSESSING SUPPLY OF LITHIUM IRON PHOSPHATE BATTERIES 39

FIGURE 8 LITHIUM IRON PHOSPHATE BATTERIES MARKET: SUPPLY-SIDE ANALYSIS 40

2.5.1 □ CALCULATIONS FOR SUPPLY SIDE □ 40

2.5.2 ASSUMPTIONS FOR SUPPLY-SIDE ANALYSIS 40

2.6 FORECAST 41

3∏EXECUTIVE SUMMARY∏42

TABLE 1 LITHIUM IRON PHOSPHATE BATTERIES MARKET SNAPSHOT 42

FIGURE 9[]100,001-540,000 MAH SEGMENT IS EXPECTED TO CONTINUE TO HOLD LARGEST SIZE OF MARKET, BY CAPACITY, DURING FORECAST PERIOD[]43

FIGURE 10 AUTOMOTIVE SEGMENT TO DOMINATE LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY INDUSTRY, DURING FORECAST PERIOD 43

FIGURE 11 PORTABLE SEGMENT IS EXPECTED TO HOLD LARGER SIZE OF LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY APPLICATION, DURING FORECAST PERIOD 44

FIGURE 12 HIGH (ABOVE 36 V) SEGMENT IS EXPECTED TO CONTINUE TO HOLD LARGEST SIZE OF LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY VOLTAGE, DURING FORECAST PERIOD 44

FIGURE 13 $\square$ ASIA PACIFIC DOMINATED LITHIUM IRON PHOSPHATE BATTERIES MARKET IN 2021 $\square$ 45

4 PREMIUM INSIGHTS 46

4.1∏ATTRACTIVE OPPORTUNITIES IN LITHIUM IRON PHOSPHATE BATTERIES MARKET∏46

FIGURE 14 INCREASING ADOPTION OF ELECTRIC VEHICLES IS EXPECTED TO DRIVE LITHIUM IRON PHOSPHATE BATTERIES MARKET FROM 2022 TO 2027 46

4.2□LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY REGION□47

FIGURE 15□ASIA PACIFIC TO WITNESS HIGHEST GROWTH OF LITHIUM IRON PHOSPHATE BATTERIES MARKET DURING FORECAST PERIOD□47

4.3 LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY CAPACITY 147

FIGURE 16□100,001-540,000 MAH SEGMENT DOMINATED LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY CAPACITY, IN 2021□47 4.4□LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY INDUSTRY□48

FIGURE 17 AUTOMOTIVE SEGMENT DOMINATED LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY INDUSTRY, IN 2021 48

4.5 LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY APPLICATION 48

FIGURE 18 PORTABLE SEGMENT DOMINATED LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY APPLICATION, IN 2021 48

4.6 LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY VOLTAGE 149

FIGURE 19 HIGH (ABOVE 36 V) SEGMENT DOMINATED LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY VOLTAGE, IN 2021 49 4.7 ASIA PACIFIC: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY INDUSTRY & COUNTRY 49

FIGURE 20 AUTOMOTIVE & CHINA DOMINATED LITHIUM IRON PHOSPHATE BATTERIES MARKET IN ASIA PACIFIC, BY INDUSTRY &

Scotts International, EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

COUNTRY, IN 2021∏49

5 MARKET OVERVIEW 50

5.1□INTRODUCTION□50

5.2 COVID-19 HEALTH ASSESSMENT 50

FIGURE 21 COVID-19 GLOBAL PROPAGATION 50

FIGURE 22 COVID-19 PROPAGATION IN SELECT COUNTRIES 51

5.3□COVID-19 ECONOMIC ASSESSMENT□52

FIGURE 23 COMPARISON OF GDP OF SELECT G20 COUNTRIES IN 2020 52

5.4∏MARKET DYNAMICS∏53

FIGURE 24 LITHIUM IRON PHOSPHATE BATTERIES MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES 153

5.4.1 □ DRIVERS □ 53

5.4.1.1 □Increasing adoption of lithium iron phosphate batteries by EV manufacturers □53

FIGURE 25∏GLOBAL EV SALES, IN TERMS OF VOLUME, 2020-2030∏54

TABLE 2∏GLOBAL EV SALES, IN TERMS OF VOLUME, BEV VS. PHEV (THOUSAND UNITS), 2017-2021∏54

5.4.1.2 Growing industrial automation space 54

5.4.2 RESTRAINTS 55

5.4.2.1 Safety issues and disposal of lithium-based batteries 55

5.4.3 OPPORTUNITIES 55

5.4.3.1 Evolving energy storage applications 55

FIGURE 26 GLOBAL ENERGY STORAGE CAPACITY ADDITION (GWH), 2016-2020 56

5.4.3.2 Growing investments in LFP batteries by key global players 56

5.4.4∏CHALLENGES∏56

5.4.4.1 Technological drawbacks of LFP batteries 56

TABLE 3 LITHIUM-ION BATTERY SPECIFICATIONS 57

5.5 IMPACT OF COVID-19 57

5.6 TRENDS/DISRUPTIONS IMPACTING CUSTOMERS' BUSINESSES 58

5.6.1 ⊓REVENUE SHIFT AND NEW REVENUE POCKETS IN LITHIUM IRON PHOSPHATE BATTERIES MARKET∏58

FIGURE 27 REVENUE SHIFT OF LITHIUM IRON PHOSPHATE BATTERY PROVIDERS 58

5.7 SUPPLY CHAIN ANALYSIS 59

FIGURE 28 LITHIUM IRON PHOSPHATE BATTERIES MARKET: SUPPLY CHAIN ANALYSIS 159

5.7.1 RAW MATERIAL/COMPONENT PROVIDERS 59

5.7.2∏LFP BATTERY MANUFACTURERS∏59

5.7.3⊓END USERS⊓59

TABLE 4 LITHIUM IRON PHOSPHATE BATTERIES MARKET: SUPPLY CHAIN PARTICIPANTS 60

5.8 MARKET MAP 60

FIGURE 29∏LITHIUM IRON PHOSPHATE BATTERY: MARKET MAP∏60

5.9 KEY CONFERENCES & EVENTS, 2022-2023 62

TABLE 5 | LITHIUM IRON PHOSPHATE BATTERIES MARKET: LIST OF CONFERENCES & EVENTS | 62

5.10 LITHIUM IRON PHOSPHATE BATTERIES MARKET: REGULATIONS 63

5.10.1 | REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS | 63

TABLE 6∏NORTH AMERICA: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS∏63

TABLE 7 EUROPE: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 63

TABLE 8

ASIA PACIFIC: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

64

TABLE 9 GLOBAL: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 64

5.10.2 STANDARDS AND REGULATIONS 64

TABLE 10 LITHIUM IRON PHOSPHATE BATTERIES MARKET: STANDARDS AND REGULATIONS 64

5.11 PORTER'S FIVE FORCES ANALYSIS 66

Scotts International, EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

FIGURE 30 LITHIUM IRON PHOSPHATE BATTERIES MARKET: PORTER'S FIVE FORCES ANALYSIS 66

TABLE 11 LITHIUM IRON PHOSPHATE BATTERIES MARKET: PORTER'S FIVE FORCES ANALYSIS 66

5.11.1 THREAT OF NEW ENTRANTS 67

5.11.2 BARGAINING POWER OF BUYERS 67

5.11.3 BARGAINING POWER OF SUPPLIERS 67

5.11.4 THREAT OF SUBSTITUTES 67

5.11.5 INTENSITY OF COMPETITIVE RIVALRY 68

5.12 KEY STAKEHOLDERS & BUYING CRITERIA 68

5.12.1 KEY STAKEHOLDERS IN BUYING PROCESS 68

FIGURE 31 INFLUENCE OF STAKEHOLDERS IN BUYING PROCESS FOR THREE END USERS 68

TABLE 12 | INFLUENCE OF STAKEHOLDERS IN BUYING PROCESS FOR THREE END USERS | 68

5.12.2 BUYING CRITERIA 69

FIGURE 32 KEY BUYING CRITERIA FOR THREE END USERS 69

TABLE 13 KEY BUYING CRITERIA FOR THREE END USERS 69

5.13 INNOVATIONS & PATENT REGISTRATIONS □70

5.14 TECHNOLOGY ANALYSIS 72

5.15 PRICING ANALYSIS 73

5.15.1 AVERAGE PRICING ANALYSIS FOR MAJOR REGIONS 73

TABLE 14 AVERAGE PRICE OF LFP BATTERIES, CELLS VS. BATTERY PACKS 173

5.15.2 PRICING TREND 73

FIGURE 33 AVERAGE PRICING TREND OF LITHIUM-BASED BATTERIES 73

5.16 TRADE ANALYSIS 74

FIGURE 34 IMPORT DATA OF TOP FIVE COUNTRIES, 2017-2021 (USD THOUSAND) 74

FIGURE 35 EXPORT DATA OF TOP FIVE COUNTRIES, 2017-2021 (USD THOUSAND) 74

?

6□LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY DESIGN□75

6.1□INTRODUCTION□75

6.2□CELLS□75

TABLE 15 LITHIUM IRON PHOSPHATE BATTERY: COMPANY FOOTPRINT, BY DESIGN (CELLS) 75

6.3∏BATTERY PACKS∏76

TABLE 16 LITHIUM IRON PHOSPHATE BATTERY: COMPANY FOOTPRINT, BY DESIGN (BATTERY PACKS) 76

7∏LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY VOLTAGE∏77

7.1⊓INTRODUCTION⊓78

FIGURE 36 LITHIUM IRON PHOSPHATE BATTERIES MARKET SHARE, BY VOLTAGE, 2021 78

TABLE 17□LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY VOLTAGE, 2016-2019 (USD MILLION)□78

TABLE 18 LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY VOLTAGE, 2020-2027 (USD MILLION) 18

7.2 LOW (BELOW 12 V) 79

7.2.1□SURGING POWER DEMAND IN SUPPLEMENTARY OPERATIONS FROM AEROSPACE AND MARINE INDUSTRIES TO DRIVE MARKET□79

TABLE 19 LITHIUM IRON PHOSPHATE BATTERIES MARKET: COMPANY FOOTPRINT, BY VOLTAGE (LOW) 79

7.3 MEDIUM (12-36 V) 80

 $7.3.1 \\ \square RISING~USE~OF~ENERGY~STORAGE~SYSTEMS~AND~EV~ADOPTION~TO~PROVIDE~LUCRATIVE~GROWTH~OPPORTUNITIES \\ \square 80$ 

TABLE 20 LITHIUM IRON PHOSPHATE BATTERIES MARKET: COMPANY FOOTPRINT, BY VOLTAGE (MEDIUM) 80

7.4 HIGH (ABOVE 36 V) 81

7.4.1 GROWING SUSTAINABILITY CONCERNS AND SURGING ADOPTION OF EV TO PROPEL MARKET 181

TABLE 21 LITHIUM IRON PHOSPHATE BATTERIES MARKET: COMPANY FOOTPRINT, BY VOLTAGE (HIGH) 181

8 LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY CAPACITY 82

Scotts International, EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

# 8.1 INTRODUCTION 83

FIGURE 37 LITHIUM IRON PHOSPHATE BATTERIES MARKET SHARE, BY CAPACITY, 2021 83

TABLE 22 LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY CAPACITY, 2016-2019 (USD MILLION) [83]

TABLE 23 LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY CAPACITY, 2020-2027 (USD MILLION) 83

8.20-16,250 MAH084

8.2.1 RISING DEMAND FOR EVS, MEDICAL INSTRUMENTS, COMMUNICATION EQUIPMENT, AND AUDIO AND VIDEO EQUIPMENT TO DRIVE MARKET 84

TABLE 24[]0-16,250 MAH: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY REGION, 2016-2019 (USD MILLION)[]84

TABLE 25 $\square$ 0-16,250 MAH: LITHIUM IRON PHOSPHATE MARKET, BY REGION, 2020-2027 (USD MILLION) $\square$ 84

8.3[16,251-50,000 MAH[]85

8.3.1∏GROWING ADOPTION OF ENERGY STORAGE SYSTEMS TO PROVIDE LUCRATIVE GROWTH OPPORTUNITIES∏85

TABLE 26[16,251-50,000 MAH: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY REGION, 2016-2019 (USD MILLION)[85]

TABLE 27 $\Box$ 16,251-50,000 MAH: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY REGION, 2020-2027 (USD MILLION) $\Box$ 85 8.4 $\Box$ 50,001-100,000 MAH $\Box$ 86

8.4.1∏FAVORABLE GOVERNMENT POLICIES TO FOSTER GROWTH OF THIS SEGMENT∏86

TABLE  $28 \square 50,001-100,000$  MAH: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY REGION, 2016-2019 (USD MILLION) $\square 86$  TABLE  $29 \square 50,001-100,000$  MAH: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY REGION, 2020-2027 (USD MILLION) $\square 86$   $8.5 \square 100,001-540,000$  MAH $\square 87$ 

8.5.1 RISING SUSTAINABILITY CONCERNS AND CONSEQUENT TRANSITION TOWARD ADOPTION OF EV TO PROPEL MARKET GROWTH 187

TABLE 30[100,001-540,000 MAH: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY REGION, 2016-2019 (USD MILLION)[87 TABLE 31[100,001-540,000 MAH: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY REGION, 2020-2027 (USD MILLION)[87 9][LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY INDUSTRY[88]

9.1□INTRODUCTION□89

FIGURE 38 LITHIUM IRON PHOSPHATE BATTERIES MARKET SHARE, BY INDUSTRY, 2021 89

TABLE 32 LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY INDUSTRY, 2016-2019 (USD MILLION) 89

TABLE 33  $\square$ LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY INDUSTRY, 2020-2027 (USD MILLION)  $\square$  90

9.2□AUTOMOTIVE□90

9.2.1 INCREASING ADOPTION OF EV, COUPLED WITH FAVORABLE GOVERNMENT POLICIES, TO FUEL MARKET GROWTH 9.0 TABLE 34 AUTOMOTIVE: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY REGION, 2016-2019 (USD MILLION) 9.0 TABLE 35 AUTOMOTIVE: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY REGION, 2020-2027 (USD MILLION) 9.3 POWER 9.3 POWER 9.1

9.3.1∏RISING ADOPTION OF ENERGY STORAGE SYSTEMS TO PROVIDE LUCRATIVE GROWTH OPPORTUNITIES∏91

TABLE 36 POWER: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY REGION, 2016-2019 (USD MILLION) 91

TABLE 37∏POWER: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY REGION, 2020-2027 (USD MILLION)∏92

9.4∏INDUSTRIAL∏92

9.4.1 GROWING INFRASTRUCTURAL DEVELOPMENT, COUPLED WITH SURGING NEED FOR HIGH ENERGY DENSITY BATTERIES, TO BOOST DEMAND 92

TABLE 38 INDUSTRIAL: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY REGION, 2016-2019 (USD MILLION) 92

TABLE 39 INDUSTRIAL: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY REGION, 2020-2027 (USD MILLION) 93

9.5∏AEROSPACE∏93

 $9.5.1 \verb|| LOW-COST, HIGH-POWER, AND SAFE SOLUTIONS TO PROVIDE LUCRATIVE GROWTH OPPORTUNITIES \verb|| 93.5.1 \verb|| LOW-COST, HIGH-POWER, AND SAFE SOLUTIONS TO PROVIDE LUCRATIVE GROWTH OPPORTUNITIES \verb|| 93.5.1 \verb|| LOW-COST, HIGH-POWER, AND SAFE SOLUTIONS TO PROVIDE LUCRATIVE GROWTH OPPORTUNITIES \verb|| 93.5.1 \verb|| LOW-COST, HIGH-POWER, AND SAFE SOLUTIONS TO PROVIDE LUCRATIVE GROWTH OPPORTUNITIES \verb|| 93.5.1 \verb|| LOW-COST, HIGH-POWER, AND SAFE SOLUTIONS TO PROVIDE LUCRATIVE GROWTH OPPORTUNITIES \verb|| 93.5.1 \verb|| LOW-COST, HIGH-POWER, AND SAFE SOLUTIONS TO PROVIDE LUCRATIVE GROWTH OPPORTUNITIES \verb|| 93.5.1 \verb|| LOW-COST, HIGH-POWER, AND SAFE SOLUTIONS TO PROVIDE LUCRATIVE GROWTH OPPORTUNITIES \verb|| 93.5.1 \verb|| LOW-COST, HIGH-POWER, AND SAFE SOLUTIONS TO PROVIDE LUCRATIVE GROWTH OPPORTUNITIES \verb|| 93.5.1 \verb|| LOW-COST, HIGH-POWER, AND SAFE SOLUTIONS TO PROVIDE LUCRATIVE GROWTH OPPORTUNITIES \verb|| 10.5.1 \verb|| LOW-COST, HIGH-POWER, AND SAFE SOLUTIONS TO PROVIDE LUCRATIVE GROWTH OPPORTUNITIES \verb|| 10.5.1 \verb|| LOW-COST, HIGH-POWER, AND SAFE SOLUTIONS TO PROVIDE LUCRATIVE GROWTH OPPORTUNITIES \verb|| 10.5.1 \verb|| LOW-COST, HIGH-POWER, AND SAFE SOLUTIONS TO PROVIDE LUCRATIVE GROWTH OPPORTUNITIES \verb|| 10.5.1 \verb|| LOW-COST, HIGH-POWER, AND SAFE SOLUTIONS TO PROVIDE LUCRATIVE GROWTH OPPORTUNITIES \verb|| 10.5.1 \verb|| LOW-COST, HIGH-POWER, AND SAFE SOLUTIONS TO PROVIDE LUCRATIVE GROWTH OPPORTUNITIES CONTINUE AND SAFE SOLUTIONS TO PROVIDE LUCRATIVE GROWTH OPPORTUNITIES CONTINUE AND SAFE SOLUTIONS TO PROVIDE LUCRATIVE GROWTH OPPORTUNITIES CONTINUE AND SAFE SOLUTIONS TO PROVIDE LUCRATIVE GROWTH OPPORTUNITIES CONTINUE AND SAFE SOLUTIONS TO PROVIDE LUCRATIVE GROWTH OPPORTUNITIES CONTINUE AND SAFE SOLUTIONS TO PROVIDE LUCRATIVE GROWTH OPPORTUNITIES CONTINUE AND SAFE SOLUTIONS TO PROVIDE LUCRATIVE GROWTH OPPORTUNITIES CONTINUE AND SAFE SOLUTIONS TO PROVIDE LUCRATIVE AND SAFE$ 

TABLE 40 AEROSPACE: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY REGION, 2016-2019 (USD MILLION) 93

TABLE 41

AEROSPACE: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY REGION, 2020-2027 (USD MILLION)

94

9.6 | MARINE | 94

9.6.1 Technical capabilities of LFP batteries to favor adoption rate 9.6.1

TABLE 42 MARINE: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY REGION, 2016-2019 (USD MILLION) 94

Scotts International, EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

TABLE 43 MARINE: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY REGION, 2020-2027 (USD MILLION) 9.7 OTHERS 9.7 OTHERS 9.5

TABLE 44 OTHERS: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY REGION, 2016-2019 (USD MILLION) 95 TABLE 45 OTHERS: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY REGION, 2020-2027 (USD MILLION) 96 10 LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY APPLICATION 97

10.1∏INTRODUCTION∏98

FIGURE 39 LITHIUM IRON PHOSPHATE BATTERIES MARKET SHARE, BY APPLICATION, 2021 98
TABLE 46 LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY APPLICATION, 2016-2019 (USD MILLION) 98
TABLE 47 LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY APPLICATION, 2020-2027 (USD MILLION) 98
10.2 PORTABLE 99

10.2.1□RISING DEMAND FOR EV, HEV, AND PHEV TO DRIVE GROWTH OF PORTABLE APPLICATION SEGMENT□99 TABLE 48□PORTABLE: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY REGION, 2016-2019 (USD MILLION)□99 TABLE 49□PORTABLE: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY REGION, 2020-2027 (USD MILLION)□99 10.3□STATIONARY□100

10.3.1 USURGING DEMAND FOR LFP BATTERIES IN ENERGY STORAGE SPACE TO PROPEL MARKET GROWTH 100 TABLE 50 STATIONARY: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY REGION, 2016-2019 (USD MILLION) 100 TABLE 51 STATIONARY: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY REGION, 2020-2027 (USD MILLION) 100 ?

11 LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY REGION 101

11.1∏INTRODUCTION∏102

FIGURE 40 REGIONAL SNAPSHOT: MARKET IN ASIA PACIFIC IS EXPECTED TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD 102

FIGURE 41 LITHIUM IRON PHOSPHATE BATTERIES MARKET SHARE (VALUE), BY REGION, 2021102 TABLE 52 LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY REGION, 2016-2019 (USD MILLION) 103 TABLE 53 LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY REGION, 2020-2027 (USD MILLION) 11.2 ASIA PACIFIC 104

FIGURE 42  $\square$  ASIA PACIFIC: LITHIUM IRON PHOSPHATE BATTERIES MARKET SNAPSHOT  $\square$  104

11.2.1 BY CAPACITY 105

TABLE 54 $\square$ ASIA PACIFIC: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY CAPACITY, 2016-2019 (USD MILLION) $\square$ 105 TABLE 55 $\square$ ASIA PACIFIC: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY CAPACITY, 2020-2027 (USD MILLION) $\square$ 105 11.2.2 $\square$ BY INDUSTRY $\square$ 105

TABLE 56□ASIA PACIFIC: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY INDUSTRY, 2016-2019 (USD MILLION)□105 TABLE 57□ASIA PACIFIC: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY INDUSTRY, 2020-2027 (USD MILLION)□106 11.2.3□BY APPLICATION□106

TABLE 58 ASIA PACIFIC: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY APPLICATION, 2016-2019 (USD MILLION) 106 TABLE 59 ASIA PACIFIC: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY APPLICATION, 2020-2027 (USD MILLION) 106 11.2.4 BY COUNTRY 107

TABLE  $60\square$ ASIA PACIFIC: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY COUNTRY, 2016-2019 (USD MILLION) $\square$ 107 TABLE  $61\square$ ASIA PACIFIC: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY COUNTRY, 2020-2027 (USD MILLION) $\square$ 107 11.2.4.1 $\square$ China $\square$ 107

11.2.4.1.1 Increasing production of EVs to drive demand for LFP batteries 107

11.2.4.1.2 By Capacity 108

TABLE 62 CHINA: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY CAPACITY, 2016-2019 (USD MILLION) 108 TABLE 63 CHINA: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY CAPACITY, 2020-2027 (USD MILLION) 112.4.1.3 By Industry 109

TABLE 64 CHINA: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY INDUSTRY, 2016-2019 (USD MILLION) 109 TABLE 65 CHINA: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY INDUSTRY, 2020-2027 (USD MILLION) 109

Scotts International, EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com www.scotts-international.com

# 11.2.4.1.4 By Application 109

TABLE 66 CHINA: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY APPLICATION, 2016-2019 (USD MILLION) 109

TABLE 67 CHINA: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY APPLICATION, 2020-2027 (USD MILLION) 110

11.2.4.2∏India∏110

11.2.4.2.1 ☐Rising adoption of electrified transport solutions to boost market ☐110

11.2.4.2.2 By Capacity 110

TABLE 68□INDIA: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY CAPACITY, 2016-2019 (USD MILLION)□110

TABLE 69□INDIA: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY CAPACITY, 2020-2027 (USD MILLION)□111

11.2.4.2.3 By Industry 111

TABLE 70 INDIA: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY INDUSTRY, 2016-2019 (USD MILLION) 111

TABLE 71 INDIA: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY INDUSTRY, 2020-2027 (USD MILLION) 112

11.2.4.2.4 By Application 112

TABLE 72 INDIA: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY APPLICATION, 2016-2019 (USD MILLION) 112

TABLE 73[INDIA: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY APPLICATION, 2020-2027 (USD MILLION)[112]

11.2.4.3∏apan∏113

11.2.4.3.1 Surging developments concerned with EVs and associated charging infrastructure to create lucrative growth opportunities 113

11.2.4.3.2 By Capacity 113

TABLE 74□JAPAN: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY CAPACITY, 2016-2019 (USD MILLION)□113

TABLE 75∏APAN: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY CAPACITY, 2020-2027 (USD MILLION)∏113

11.2.4.3.3 By Industry 114

TABLE 76□JAPAN: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY INDUSTRY, 2016-2019 (USD MILLION)□114

TABLE 77∏APAN: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY INDUSTRY, 2020-2027 (USD MILLION)∏114

11.2.4.3.4 By Application 115

TABLE 78∏APAN: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY APPLICATION, 2016-2019 (USD MILLION)∏115

TABLE 79∏APAN: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY APPLICATION, 2020-2027 (USD MILLION)∏115

11.2.4.4 South Korea 115

11.2.4.4.1 Growing government initiatives to fuel market growth 115

11.2.4.4.2 By Capacity 116

TABLE 80 SOUTH KOREA: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY CAPACITY, 2016-2019 (USD MILLION) 116

TABLE 81 SOUTH KOREA: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY CAPACITY, 2020-2027 (USD MILLION) 116

11.2.4.4.3 By Industry 116

TABLE 82 $\square$ SOUTH KOREA: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY INDUSTRY, 2016-2019 (USD MILLION) $\square$ 116

TABLE 83 SOUTH KOREA: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY INDUSTRY, 2020-2027 (USD MILLION) 117

11.2.4.4.4 By Application 117

TABLE 84 SOUTH KOREA: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY APPLICATION, 2016-2019 (USD MILLION) 117

TABLE 85 SOUTH KOREA: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY APPLICATION, 2020-2027 (USD MILLION) 117

11.2.4.5 Rest of Asia Pacific 118

11.2.4.5.1 By Capacity 118

TABLE 86 REST OF ASIA PACIFIC: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY CAPACITY, 2016-2019 (USD MILLION) 118

TABLE 87 REST OF ASIA PACIFIC: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY CAPACITY, 2020-2027 (USD MILLION) 118

 $11.2.4.5.2 \verb||By Industry|| 119$ 

TABLE 88 REST OF ASIA PACIFIC: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY INDUSTRY, 2016-2019 (USD MILLION) 119

TABLE 89∏REST OF ASIA PACIFIC: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY INDUSTRY, 2020-2027 (USD MILLION)∏119

11.2.4.5.3 By Application 120

TABLE 90 REST OF ASIA PACIFIC: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY APPLICATION, 2016-2019 (USD MILLION) 120

TABLE 91 REST OF ASIA PACIFIC: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY APPLICATION, 2020-2027 (USD MILLION) 120

Scotts International, EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

# 11.3 EUROPE 121

FIGURE 43 EUROPE: LITHIUM IRON PHOSPHATE BATTERIES MARKET SNAPSHOT 121

11.3.1

□BY CAPACITY

□122

TABLE 92 $\square$ EUROPE: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY CAPACITY, 2016-2019 (USD MILLION) $\square$ 122 TABLE 93 $\square$ EUROPE: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY CAPACITY, 2020-2027 (USD MILLION) $\square$ 122

11.3.2∏BY INDUSTRY∏122

TABLE 94 EUROPE: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY INDUSTRY, 2016-2019 (USD MILLION) 122 TABLE 95 EUROPE: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY INDUSTRY, 2020-2027 (USD MILLION) 123 11.3.3 BY APPLICATION 123

TABLE 96 EUROPE: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY APPLICATION, 2016-2019 (USD MILLION) 123 TABLE 97 EUROPE: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY APPLICATION, 2020-2027 (USD MILLION) 123 11.3.4 BY COUNTRY 124

TABLE 98 EUROPE: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY COUNTRY, 2016-2019 (USD MILLION) 124 TABLE 99 EUROPE: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY COUNTRY, 2020-2027 (USD MILLION) 124 11.3.4.1 UK 125

11.3.4.1.1 Thriving EV market to provide lucrative growth opportunities 125

11.3.4.1.2 By Capacity 125

TABLE 100 UK: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY CAPACITY, 2016-2019 (USD MILLION) 125 TABLE 101 UK: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY CAPACITY, 2020-2027 (USD MILLION) 125 11.3.4.1.3 By Industry 126

TABLE  $102 \square$ UK: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY INDUSTRY, 2016-2019 (USD MILLION) $\square$ 126 TABLE  $103 \square$ UK: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY INDUSTRY, 2020-2027 (USD MILLION) $\square$ 126  $11.3.4.1.4 \square$ By Application $\square$ 126

TABLE 104 UK: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY APPLICATION, 2016-2019 (USD MILLION) 126 TABLE 105 UK: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY APPLICATION, 2020-2027 (USD MILLION) 127 11.3.4.2 Germany 127

11.3.4.2.1 Rising demand from automotive manufacturers to fuel market growth 127

11.3.4.2.2 By Capacity 127

TABLE 106□GERMANY: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY CAPACITY, 2016-2019 (USD MILLION)□127 TABLE 107□GERMANY: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY CAPACITY, 2020-2027 (USD MILLION)□128 11.3.4.2.3□By Industry□128

TABLE 108 $\square$ GERMANY: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY INDUSTRY, 2016-2019 (USD MILLION) $\square$ 128 TABLE 109 $\square$ GERMANY: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY INDUSTRY, 2020-2027 (USD MILLION) $\square$ 128 11.3.4.2.4 $\square$ By Application $\square$ 129

TABLE 110 GERMANY: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY APPLICATION, 2016-2019 (USD MILLION) 129 TABLE 111 GERMANY: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY APPLICATION, 2020-2027 (USD MILLION) 129 11.3.4.3 Netherlands

11.3.4.3.1 ☐ Growing sustainability concerns, coupled with favorable government initiatives, to drive market ☐ 129

11.3.4.3.2 By Capacity 130

TABLE 112 NETHERLANDS: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY CAPACITY, 2016-2019 (USD MILLION) 130 TABLE 113 NETHERLANDS: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY CAPACITY, 2020-2027 (USD MILLION) 113.4.3.3 By Industry 130

TABLE 114 $\square$ NETHERLANDS: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY INDUSTRY, 2016-2019 (USD MILLION) $\square$ 130 TABLE 115 $\square$ NETHERLANDS: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY INDUSTRY, 2020-2027 (USD MILLION) $\square$ 131 11.3.4.3.4 $\square$ By Application $\square$ 131

TABLE 116 NETHERLANDS: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY APPLICATION, 2016-2019 (USD MILLION) 131 TABLE 117 NETHERLANDS: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY APPLICATION, 2020-2027 (USD MILLION) 131

Scotts International, EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com www.scotts-international.com

- 11.3.4.4 Norway 132
- 11.3.4.4.1 ☐Increasing adoption of EVs over conventional combustion vehicles to boost demand for LFP batteries ☐132
- 11.3.4.4.2 By Capacity 132
- TABLE 118 NORWAY: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY CAPACITY, 2016-2019 (USD MILLION) 132
- TABLE 119 NORWAY: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY CAPACITY, 2020-2027 (USD MILLION) 132
- 11.3.4.4.3 By Industry 133
- TABLE 120∏NORWAY: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY INDUSTRY, 2016-2019 (USD MILLION)∏133
- TABLE 121 NORWAY: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY INDUSTRY, 2020-2027 (USD MILLION) 133
- 11.3.4.4.4∏By Application∏134
- TABLE 122 NORWAY: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY APPLICATION, 2016-2019 (USD MILLION) 134
- TABLE 123□NORWAY: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY APPLICATION, 2020-2027 (USD MILLION)□134
- 11.3.4.5 Rest of Europe 134
- 11.3.4.5.1 By Capacity 134
- TABLE 124 TREST OF EUROPE: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY CAPACITY, 2016-2019 (USD MILLION) 134
- TABLE 125 REST OF EUROPE: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY CAPACITY, 2020-2027 (USD MILLION) 135
- 11.3.4.5.2 By Industry 135
- TABLE 126  $\square$  REST OF EUROPE: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY INDUSTRY, 2016-2019 (USD MILLION)  $\square$  135
- TABLE 127 REST OF EUROPE: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY INDUSTRY, 2020-2027 (USD MILLION) 136
- 11.3.4.5.3 By Application 136
- TABLE 128 REST OF EUROPE: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY APPLICATION, 2016-2019 (USD MILLION) 136
- TABLE 129 REST OF EUROPE: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY APPLICATION, 2020-2027 (USD MILLION) 136 ?
- 11.4 NORTH AMERICA 137
- 11.4.1 BY CAPACITY 137
- TABLE 130 NORTH AMERICA: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY CAPACITY, 2016-2019 (USD MILLION) 137
- TABLE 131  $\square$ NORTH AMERICA: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY CAPACITY, 2020-2027 (USD MILLION)  $\square$ 137
- 11.4.2 BY INDUSTRY 138
- TABLE 132 NORTH AMERICA: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY INDUSTRY, 2016-2019 (USD MILLION) 138
- TABLE 133 NORTH AMERICA: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY INDUSTRY, 2020-2027 (USD MILLION) 138
- 11.4.3 BY APPLICATION 138
- TABLE 134 NORTH AMERICA: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY APPLICATION, 2016-2019 (USD MILLION) 138
- TABLE 135 NORTH AMERICA: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY APPLICATION, 2020-2027 (USD MILLION) 139
- 11.4.4⊓BY COUNTRY⊓139
- TABLE 136 NORTH AMERICA: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY COUNTRY, 2016-2019 (USD MILLION) 139
- TABLE 137 NORTH AMERICA: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY COUNTRY, 2020-2027 (USD MILLION) 139
- 11.4.4.1∏US∏140
- 11.4.4.1.1 Robust government policies and initiatives to fuel demand for LFP batteries 140
- 11.4.4.1.2 By Capacity 140
- TABLE 138 TUS: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY CAPACITY, 2016-2019 (USD MILLION) T140
- TABLE 139 US: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY CAPACITY, 2020-2027 (USD MILLION) 140
- 11.4.4.1.3 By Industry 141
- TABLE 140 US: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY INDUSTRY, 2016-2019 (USD MILLION) 141
- TABLE 141 US: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY INDUSTRY, 2020-2027 (USD MILLION) 141
- 11.4.4.1.4 By Application 141
- TABLE 142∏US: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY APPLICATION, 2016-2019 (USD MILLION)∏141
- TABLE 143 $\square$ US: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY APPLICATION, 2020-2027 (USD MILLION) $\square$ 142
- 11.4.4.2 Canada 142

11.4.4.2.1 Stringent regulations concerning emission and sustainability concerns to fuel transition into EVs 11.4.4.2.2 By Capacity 142

TABLE 144 CANADA: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY CAPACITY, 2016-2019 (USD MILLION) 142 TABLE 145 CANADA: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY CAPACITY, 2020-2027 (USD MILLION) 1143 11.4.4.2.3 By Industry 143

TABLE 146 CANADA: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY INDUSTRY, 2016-2019 (USD MILLION) 143 TABLE 147 CANADA: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY INDUSTRY, 2020-2027 (USD MILLION) 144 11.4.4.2.4 By Application 144

TABLE 148□CANADA: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY APPLICATION, 2016-2019 (USD MILLION)□144 TABLE 149□CANADA: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY APPLICATION, 2020-2027 (USD MILLION)□144 11.4.4.3□Mexico□145

11.4.4.3.1 Low-cost labor and necessary infrastructure to boost growth of LFP battery market in Mexico 145 11.4.4.3.2 By Capacity 145

TABLE 150☐MEXICO: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY CAPACITY, 2016-2019 (USD MILLION)☐145 TABLE 151☐MEXICO: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY CAPACITY, 2020-2027 (USD MILLION)☐145 11.4.4.3.3☐By Industry☐146

TABLE 152 MEXICO: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY INDUSTRY, 2016-2019 (USD MILLION) 146 TABLE 153 MEXICO: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY INDUSTRY, 2020-2027 (USD MILLION) 146 11.4.4.3.4 By Application 147

TABLE 154 MEXICO: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY APPLICATION, 2016-2019 (USD MILLION) 147 TABLE 155 MEXICO: LITHIUM IRON PHOSPHATE BATTERIES MARKET, BY APPLICATION, 2020-2027 (USD MILLION) 147



To place an Order with Scotts International:

**Scotts International. EU Vat number: PL 6772247784** tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

☐ - Print this form

# Lithium Iron Phosphate Batteries Market by Design (Cells, Battery Packs), Capacity, Industry (Automotive, Power, Industrial, Aerospace, Marine), Application (Portable, Stationary), Voltage (Low, Medium, High) & Region - Global forecast to 2027

Market Report | 2022-07-08 | 226 pages | MarketsandMarkets

<ul><li>Complete the re</li></ul>	levant blank fields and sign			
<ul><li>Send as a scann</li></ul>	ed email to support@scotts-interna	tional.com		
ORDER FORM:				
Select license	License			Price
	Single User			\$4950.00
	Multi User			\$6650.00
	Corporate License			\$8150.00
	Enterprise Site License			\$10000.00
			VAT	
			Total	
	nt license option. For any questions plea 23% for Polish based companies, indivi			
Email*		Phone*		
First Name*		Last Name*		
Job title*				
Company Name*		EU Vat / Tax ID /	NIP number*	
Address*		City*		
Zip Code*		Country*		

Date		2025-06-24
	,	
Sign	ature	

tel. 0048 603 394 346 e-mail: support@scotts-international.com www.scotts-international.com