

Battery Electrolyte Market by Battery Type (Lead-Acid and Lithium-Ion), Electrolyte Type (Liquid, Gel, Solid), End-Use (EV, Consumer Electronics, Energy Storage) and Region (APAC, North America, Europe, South America, and MEA) - Global Forecast to 2027

Market Report | 2022-08-17 | 204 pages | MarketsandMarkets

AVAILABLE LICENSES:

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

Report description:

The market size of battery electrolyte is estimated to grow from USD 7.6 billion in 2022 to USD 16.8 billion by 2027, at a CAGR of 17.1% during the forecast period. The battery electrolyte market is expected to grow at a moderate rate over the next five years, owing to rapid technological advancements and expansion in the energy storage and electric vehicle industry.

"Energy storage is the fastest growing segment of battery electrolyte market by end-use"

The battery electrolyte market by end-use is segmented into electric vehicle, consumer electronics, energy storage and others.

The energy storage segment is estimated to grow at the fastest rate owing to the increase in demand for batteries in energy storage industry. There are various initiatives taken by government of different countries such as India and China to enhance the demand for energy storage. This will propel the demand for batteries, creating the market for battery electrolyte.

"By electrolyte type, liquid electrolyte segment is expected to account for the largest market share during the forecast period"

By electrolyte type, liquid electrolyte segment accounted for the largest segment in the battery electrolyte market, in 2021, in terms of value. Liquid electrolyte is used in lead acid as well as lithium-ion batteries. These batteries are generally used in energy storage and electric vehicles. Owing to increasing demand for electric vehicles and energy storage systems, the liquid battery electrolyte market is expected to have the largest market share during the forecasted period.

"Asia Pacific has largest market share region for battery electrolyte market in 2021"

Asia Pacific is one of the major market for battery electrolyte, in terms of value. The region accounted for the largest market for battery electrolyte in 2021, and this dominance is expected to continue during the forecast period as well. Key countries in the Asia Pacific battery electrolyte market include China, Japan, South Korea, and India, which dominated the region's overall market

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

in terms of value in 2021. The growing demand for electric vehicle, and consumer electronics in emerging countries of Asia Pacific are expected to drive the growth of the battery electrolyte market in the region.

Profile break-up of primary participants for the report:

- By Company Type: Tier 1 - 65%, Tier 2 - 20%, and Tier 3 - 15%
- By Designation: C-level - 25%, Director Level - 30%, and Others- 45%
- By Region: Asia Pacific - 40%, North America - 30%, Europe - 20%, South America - 3%, Middle East & Africa - 7%

Major companies in the battery electrolyte market include Mitsubishi Chemical Corporation (Japan), UBE Corporation (Japan), 3M (US), GS Yuasa International Ltd. (Japan), and Capchem (China) ,among others.

Research Coverage:

The report defines, segments, and projects the battery electrolyte market based on battery type, electrolyte type, end-use, and region. It provides detailed information regarding the major factors influencing the market's growth, such as drivers, restraints, opportunities, and challenges. It analyzes competitive developments, such as product launches and expansions, undertaken by the players in the market.

Reasons to Buy the Report:

The report is expected to help the market leaders/new entrants in the market by providing them the closest approximations of revenue numbers of the battery electrolyte market and its segments. This report is also expected to help stakeholders obtain an improved understanding of the market's competitive landscape, gain insights to improve the position of their businesses and make suitable go-to-market strategies. It also enables stakeholders to understand the pulse of the market and provides information on key market drivers, restraints, challenges, and opportunities.

Table of Contents:

1	INTRODUCTION	35
1.1	STUDY OBJECTIVES	35
1.2	MARKET DEFINITION	35
1.3	INCLUSIONS & EXCLUSIONS	36
1.4	MARKET SCOPE	36
1.4.1	MARKET SEGMENTATION	36
1.4.2	REGIONAL SCOPE	37
1.5	YEARS CONSIDERED	37
1.6	CURRENCY CONSIDERED	38
1.7	UNIT CONSIDERED	38
1.8	RESEARCH LIMITATIONS	38
1.9	STAKEHOLDERS	38
1.10	SUMMARY OF CHANGES	39
2	RESEARCH METHODOLOGY	40
2.1	RESEARCH DATA	40
FIGURE 1 BATTERY ELECTROLYTE MARKET: RESEARCH DESIGN		40
2.1.1	SECONDARY DATA	41
2.1.1.1	Key data from secondary sources	41
2.1.2	PRIMARY DATA	41
2.1.2.1	Key data from primary sources	42
2.1.2.2	Breakdown of primary interviews	43
2.2	MATRIX CONSIDERED FOR DEMAND-SIDE	44
FIGURE 2 MAIN MATRIX CONSIDERED FOR CONSTRUCTING AND ASSESSING DEMAND FOR BATTERY ELECTROLYTE		44
2.3	MARKET SIZE ESTIMATION	44

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

2.3.1	BOTTOM-UP APPROACH	45
FIGURE 3	MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH	45
2.3.2	TOP-DOWN APPROACH	45
FIGURE 4	MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH	45
FIGURE 5	METHODOLOGY FOR SUPPLY-SIDE SIZING OF BATTERY ELECTROLYTE MARKET	46
FIGURE 6	METHODOLOGY FOR SUPPLY-SIDE SIZING OF BATTERY ELECTROLYTE MARKET (2/2)	47
2.3.2.1	Calculations for supply-side analysis	47
2.3.3	FORECAST	48
2.4	GROWTH RATE ASSUMPTIONS/GROWTH FORECAST	48
2.5	DATA TRIANGULATION	49
FIGURE 7	BATTERY ELECTROLYTE MARKET: DATA TRIANGULATION	49
2.5.1	KEY ASSUMPTIONS WHILE CALCULATING DEMAND-SIDE MARKET SIZE	50
2.5.2	LIMITATIONS	50
2.5.3	RISK ANALYSIS	51
3	EXECUTIVE SUMMARY	52
TABLE 1	BATTERY ELECTROLYTE MARKET	52
FIGURE 8	LITHIUM-ION BATTERY SEGMENT TO ACCOUNT FOR LARGER SHARE DURING FORECAST PERIOD	53
FIGURE 9	LIQUID ELECTROLYTE TO BE FASTER-GROWING SEGMENT DURING FORECAST PERIOD	53
FIGURE 10	ELECTRIC VEHICLES TO ACCOUNT FOR LARGEST MARKET SHARE IN 2022	54
FIGURE 11	ASIA PACIFIC ACCOUNTED FOR LARGEST SHARE OF BATTERY ELECTROLYTE MARKET IN 2021	54
4	PREMIUM INSIGHTS	56
4.1	ATTRACTIVE OPPORTUNITIES FOR PLAYERS IN BATTERY ELECTROLYTE MARKET	56
FIGURE 12	BATTERY ELECTROLYTE MARKET TO WITNESS MODERATE GROWTH DURING FORECAST PERIOD	56
4.2	BATTERY ELECTROLYTE MARKET, BY REGION	56
FIGURE 13	ASIA PACIFIC TO ACCOUNT FOR LARGEST SHARE OF BATTERY ELECTROLYTE MARKET DURING FORECAST PERIOD	56
4.3	BATTERY ELECTROLYTE MARKET, BY BATTERY TYPE	57
FIGURE 14	LEAD-ACID BATTERY ACCOUNTED FOR LARGER MARKET SHARE IN 2021	57
4.4	BATTERY ELECTROLYTE MARKET, BY ELECTROLYTE TYPE	57
FIGURE 15	LIQUID ELECTROLYTE ACCOUNTED FOR LARGER MARKET SHARE IN 2021	57
4.5	BATTERY ELECTROLYTE MARKET, BY END USE	57
FIGURE 16	ELECTRIC VEHICLES SEGMENT ACCOUNTED FOR LARGEST MARKET SHARE IN 2021	57
5	MARKET OVERVIEW	58
5.1	INTRODUCTION	58
FIGURE 17	DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES IN BATTERY ELECTROLYTE MARKET	58
5.1.1	DRIVERS	59
5.1.1.1	Growth in demand for batteries in key industries	59
FIGURE 18	GLOBAL VOLUME SALES OF BATTERY ELECTRIC VEHICLES AND PLUG-IN HYBRID ELECTRIC VEHICLES, 2018-2021	59
5.1.1.2	Growing need for battery-operated material-handling equipment in industries due to automation	60
FIGURE 19	IMPACT OF DRIVERS ON BATTERY ELECTROLYTE MARKET	61
5.1.2	RESTRAINTS	61
5.1.2.1	Lack of efficient recycling technologies for battery materials	61
FIGURE 20	PERCENTAGE OF PORTABLE BATTERIES COLLECTED FOR RECYCLING IN 2019	62
FIGURE 21	IMPACT OF RESTRAINTS ON BATTERY ELECTROLYTE MARKET	62
5.1.3	OPPORTUNITIES	62
5.1.3.1	Increasing research activities to develop new electrolytes	62
FIGURE 22	IMPACT OF OPPORTUNITIES ON BATTERY ELECTROLYTE MARKET	63
5.1.4	CHALLENGES	63

5.1.4.1	Lack of government subsidies and incentives for lithium-ion battery manufacturers in emerging markets	63
5.1.4.2	Safety related to battery usage	63
FIGURE 23	IMPACT OF CHALLENGES ON BATTERY ELECTROLYTE MARKET	64
5.2	PORTER'S FIVE FORCES ANALYSIS	64
FIGURE 24	BATTERY ELECTROLYTE MARKET: PORTER'S FIVE FORCES ANALYSIS	64
TABLE 2	BATTERY ELECTROLYTE MARKET: PORTER'S FIVE FORCES ANALYSIS	65
5.2.1	BARGAINING POWER OF SUPPLIERS	65
5.2.2	THREAT OF NEW ENTRANTS	65
5.2.3	THREAT OF SUBSTITUTES	65
5.2.4	BARGAINING POWER OF BUYERS	66
5.2.5	INTENSITY OF COMPETITIVE RIVALRY	66
5.3	ECOSYSTEM/MARKET MAP	66
FIGURE 25	BATTERY ELECTROLYTE MARKET: ECOSYSTEM/MARKET MAP	66
TABLE 3	BATTERY ELECTROLYTE MARKET: ECOSYSTEM	67
5.4	VALUE CHAIN	67
FIGURE 26	BATTERY ELECTROLYTE MARKET: VALUE CHAIN	67
5.5	KEY STAKEHOLDERS & BUYING CRITERIA	68
5.5.1	KEY STAKEHOLDERS IN BUYING PROCESS	68
FIGURE 27	INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR TOP 3 END-USERS	68
TABLE 4	INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR TOP 3 END-USERS (%)	68
5.5.2	BUYING CRITERIA	69
FIGURE 28	KEY BUYING CRITERIA FOR TOP 3 END-USERS	69
TABLE 5	KEY BUYING CRITERIA FOR TOP 3 END-USERS	69
5.6	KEY CONFERENCES & EVENTS IN 2022-2023	70
TABLE 6	BATTERY ELECTROLYTE MARKET: DETAILED LIST OF CONFERENCES & EVENTS	70
5.6.1	CASE STUDY ANALYSIS	71
TABLE 7	PRODUCT LAUNCH BY HITACHI, LTD.	71
5.7	REGULATORY LANDSCAPE	71
TABLE 8	REGULATORY LANDSCAPE FOR BATTERY AND BATTERY ELECTROLYTE	72
5.8	TRADE DATA	72
TABLE 9	IMPORT DATA OF LITHIUM CELLS AND BATTERIES	72
TABLE 10	EXPORT DATA OF LITHIUM CELLS AND BATTERIES	73
5.9	PRICING ANALYSIS	73
5.9.1	AVERAGE SELLING PRICE OF BATTERY ELECTROLYTE, BY BATTERY TYPE	73
TABLE 11	AVERAGE PRICE OF BATTERY ELECTROLYTE BY BATTERY TYPE, 2021	73
FIGURE 29	BATTERY ELECTROLYTE MARKET: GLOBAL AVERAGE PRICE OF BATTERY ELECTROLYTE BY BATTERY TYPE AND ELECTROLYTE TYPE	74
FIGURE 30	BATTERY ELECTROLYTE MARKET: GLOBAL AVERAGE PRICE OF BATTERY ELECTROLYTE BY KEY PLAYERS	74
5.10	TECHNOLOGY ANALYSIS	75
6	BATTERY ELECTROLYTE PATENT ANALYSIS	76
6.1	INTRODUCTION:	76
6.2	METHODOLOGY:	76
6.3	DOCUMENT TYPE.	76
TABLE 12	NUMBER OF PATENT APPLICATIONS AND GRANTED PATENTS	76
FIGURE 31	NUMBER OF GRANTED PATENTS AND PATENT APPLICATIONS	77
FIGURE 32	PUBLICATION TRENDS - LAST 10 YEARS	77
6.4	INSIGHT	77

FIGURE 33	LEGAL STATUS OF PATENTS	78
6.4.1	JURISDICTION ANALYSIS	78
FIGURE 34	TOP JURISDICTION, BY DOCUMENT	78
6.4.2	TOP COMPANIES/APPLICANTS	79
FIGURE 35	TOP 10 COMPANIES/APPLICANTS WITH HIGHEST NUMBER OF PATENTS	79
TABLE 13	PATENTS BY LG CHEMICAL LTD.	79
TABLE 14	PATENTS BY TOYOTA MOTOR CO LTD	80
TABLE 15	PATENTS BY SONY CORP.	81
TABLE 16	TOP 10 PATENT OWNERS (US) IN LAST 10 YEARS	82
7	BATTERY ELECTROLYTE MARKET, BY BATTERY TYPE	83
7.1	INTRODUCTION	84
FIGURE 36	LITHIUM-ION BATTERY TO BE FASTEST-GROWING SEGMENT DURING FORECAST PERIOD	84
TABLE 17	BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2018-2020 (USD MILLION)	84
TABLE 18	BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2021-2027 (USD MILLION)	84
TABLE 19	BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2018-2020 (KILOTON)	85
TABLE 20	BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2021-2027 (KILOTON)	85
7.2	LEAD-ACID BATTERY	85
7.2.1	USE AS BACKUP FOR UNINTERRUPTIBLE POWER SUPPLY	85
TABLE 21	LEAD-ACID BATTERY: BATTERY ELECTROLYTE MARKET SIZE, BY REGION, 2018-2020 (USD MILLION)	86
TABLE 22	LEAD-ACID BATTERY: BATTERY ELECTROLYTE MARKET SIZE, BY REGION, 2021-2027 (USD MILLION)	86
TABLE 23	LEAD-ACID BATTERY: BATTERY ELECTROLYTE MARKET SIZE, BY REGION, 2018-2020 (KILOTON)	86
TABLE 24	LEAD-ACID BATTERY: BATTERY ELECTROLYTE MARKET SIZE, BY REGION, 2021-2027 (KILOTON)	87
7.3	LITHIUM-ION BATTERY	87
7.3.1	INCREASE IN DEMAND FOR ELECTRIC VEHICLES	87
TABLE 25	LITHIUM-ION BATTERY: BATTERY ELECTROLYTE MARKET SIZE, BY REGION, 2018-2020 (USD MILLION)	87
TABLE 26	LITHIUM-ION BATTERY: BATTERY ELECTROLYTE MARKET SIZE, BY REGION, 2021-2027 (USD MILLION)	88
TABLE 27	LITHIUM-ION BATTERY: BATTERY ELECTROLYTE MARKET SIZE, BY REGION, 2018-2020 (KILOTON)	88
TABLE 28	LITHIUM-ION BATTERY: BATTERY ELECTROLYTE MARKET SIZE, BY REGION, 2021-2027 (KILOTON)	88
8	BATTERY ELECTROLYTE MARKET, BY ELECTROLYTE TYPE	89
8.1	INTRODUCTION	90
FIGURE 37	LIQUID ELECTROLYTE TO LEAD BATTERY ELECTROLYTE MARKET DURING FORECAST PERIOD	90
TABLE 29	BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (USD MILLION)	90
TABLE 30	BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (USD MILLION)	90
TABLE 31	BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	91
TABLE 32	BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	91
8.2	LIQUID ELECTROLYTE	91
8.2.1	BETTER CONTACT AREA WITH HIGH-CAPACITY ELECTRODES	91
8.3	SOLID ELECTROLYTE	91
8.3.1	HIGHER ENERGY DENSITY THAN LI-ION BATTERY THAT USES LIQUID ELECTROLYTE	91
8.4	GEL ELECTROLYTE	92
8.4.1	LITTLE TO NO MAINTENANCE FOR KEEPING BATTERIES WORKING PROPERLY	92
9	BATTERY ELECTROLYTE MARKET, BY END USE	93
9.1	INTRODUCTION	94
FIGURE 38	ELECTRIC VEHICLES SEGMENT TO HOLD SIGNIFICANT SHARE DURING FORECAST PERIOD	94
TABLE 33	BATTERY ELECTROLYTE MARKET SIZE, BY END USE, 2018-2020 (USD MILLION)	94
TABLE 34	BATTERY ELECTROLYTE MARKET, BY END USE, 2021-2027 (USD MILLION)	95
9.2	ELECTRIC VEHICLE	95

9.2.1	GROWING SALES OF ELECTRIC VEHICLES TO CREATE HUGE DEMAND	95
9.3	CONSUMER ELECTRONICS	95
9.3.1	INCREASING DEMAND FOR SMARTPHONES, LAPTOPS, AND DRONES	95
9.4	ENERGY STORAGE	96
9.4.1	GROWING DEMAND FOR POLLUTION-FREE WAYS OF ELECTRICITY GENERATION	96
9.5	OTHERS	96
10	BATTERY ELECTROLYTE MARKET, BY REGION	97
10.1	INTRODUCTION	98
	FIGURE 39 ASIA PACIFIC TO BE LARGEST BATTERY ELECTROLYTE MARKET DURING FORECAST PERIOD	98
	TABLE 35 BATTERY ELECTROLYTE MARKET SIZE, BY REGION, 2018-2020 (USD MILLION)	98
	TABLE 36 BATTERY ELECTROLYTE MARKET SIZE, BY REGION, 2021-2027 (USD MILLION)	99
	TABLE 37 BATTERY ELECTROLYTE MARKET SIZE, BY REGION, 2018-2020 (KILOTON)	99
	TABLE 38 BATTERY ELECTROLYTE MARKET SIZE, BY REGION, 2021-2027 (KILOTON)	99
10.2	ASIA PACIFIC	100
	FIGURE 40 ASIA PACIFIC: BATTERY ELECTROLYTE MARKET SNAPSHOT	100
	TABLE 39 ASIA PACIFIC: BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2018-2020 (USD MILLION)	101
	TABLE 40 ASIA PACIFIC: BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2021-2027 (USD MILLION)	101
	TABLE 41 ASIA PACIFIC: BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2018-2020 (KILOTON)	101
	TABLE 42 ASIA PACIFIC: BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2021-2027 (KILOTON)	102
	TABLE 43 ASIA PACIFIC: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2018-2020 (USD MILLION)	102
	TABLE 44 ASIA PACIFIC: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2021-2027 (USD MILLION)	102
	TABLE 45 ASIA PACIFIC: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2018-2020 (KILOTON)	103
	TABLE 46 ASIA PACIFIC: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2021-2027 (KILOTON)	103
	TABLE 47 ASIA PACIFIC: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2018-2020 (USD MILLION)	103
	TABLE 48 ASIA PACIFIC: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2021-2027 (USD MILLION)	104
	TABLE 49 ASIA PACIFIC: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2018-2020 (KILOTON)	104
	TABLE 50 ASIA PACIFIC: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2021-2027 (KILOTON)	104
	TABLE 51 ASIA PACIFIC: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2018-2020 (KILOTON)	105
	TABLE 52 ASIA PACIFIC: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2021-2027 (KILOTON)	105
10.2.1	CHINA	105
10.2.1.1	Growth in manufacturing of electric vehicles and demand for lithium-ion batteries	105
	TABLE 53 CHINA: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2018-2020 (KILOTON)	105
	TABLE 54 CHINA: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2021-2027 (KILOTON)	106
	TABLE 55 CHINA: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	106
	TABLE 56 CHINA: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	106
	TABLE 57 CHINA: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	106
	TABLE 58 CHINA: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	106
10.2.2	JAPAN	107
10.2.2.1	Presence of leading battery manufacturers	107
	TABLE 59 JAPAN: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2018-2020 (KILOTON)	107
	TABLE 60 JAPAN: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2021-2027 (KILOTON)	107
	TABLE 61 JAPAN: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	107
	TABLE 62 JAPAN: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	108
	TABLE 63 JAPAN: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	108
	TABLE 64 JAPAN: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	108
10.2.3	INDIA	108
10.2.3.1	Adoption of electric vehicles and growing market for consumer electronics	108

TABLE 65	INDIA: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2018-2020 (KILOTON)	109
TABLE 66	INDIA: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2021-2027 (KILOTON)	109
TABLE 67	INDIA: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	109
TABLE 68	INDIA: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	109
TABLE 69	INDIA: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	110
TABLE 70	INDIA: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	110
10.2.4	SOUTH KOREA	110
10.2.4.1	Presence of leading lithium-ion battery manufacturers	110
TABLE 71	SOUTH KOREA: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2018-2020 (KILOTON)	110
TABLE 72	SOUTH KOREA: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2021-2027 (KILOTON)	111
TABLE 73	SOUTH KOREA: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	111
TABLE 74	SOUTH KOREA: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	111
TABLE 75	SOUTH KOREA: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	111
TABLE 76	SOUTH KOREA: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	112
10.2.5	REST OF ASIA PACIFIC	112
TABLE 77	REST OF ASIA PACIFIC: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2018-2020 (KILOTON)	112
TABLE 78	REST OF ASIA PACIFIC: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2021-2027 (KILOTON)	112
TABLE 79	REST OF ASIA PACIFIC: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	112
TABLE 80	REST OF ASIA PACIFIC: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	113
TABLE 81	REST OF ASIA PACIFIC: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	113
TABLE 82	REST OF ASIA PACIFIC: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	113
10.3	NORTH AMERICA	113
FIGURE 41	NORTH AMERICA: BATTERY ELECTROLYTE MARKET SNAPSHOT	114
TABLE 83	NORTH AMERICA: BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2018-2020 (USD MILLION)	114
TABLE 84	NORTH AMERICA: BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2021-2027 (USD MILLION)	115
TABLE 85	NORTH AMERICA: BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2018-2020 (KILOTON)	115
TABLE 86	NORTH AMERICA: BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2021-2027 (KILOTON)	115
TABLE 87	NORTH AMERICA: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2018-2020 (USD MILLION)	115
TABLE 88	NORTH AMERICA: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2021-2027 (USD MILLION)	116
TABLE 89	NORTH AMERICA: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2018-2020 (KILOTON)	116
TABLE 90	NORTH AMERICA: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2021-2027 (KILOTON)	116
TABLE 91	NORTH AMERICA: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2018-2020 (USD MILLION)	116
TABLE 92	NORTH AMERICA: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2021-2027 (USD MILLION)	117
TABLE 93	NORTH AMERICA: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2018-2020 (KILOTON)	117
TABLE 94	NORTH AMERICA: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2021-2027 (KILOTON)	117
TABLE 95	NORTH AMERICA: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2018-2020 (KILOTON)	117
TABLE 96	NORTH AMERICA: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2021-2027 (KILOTON)	118
10.3.1	US	118
10.3.1.1	Large market for manufacturing of electric vehicles	118
TABLE 97	US: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2018-2020 (KILOTON)	118
TABLE 98	US: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2021-2027 (KILOTON)	118
TABLE 99	US: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	119
TABLE 100	US: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	119

TABLE 101	US: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	119
TABLE 102	US: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	119
10.3.2 CANADA 120		
10.3.2.1 Increasing government investments in electric vehicles market to create opportunities 120		
TABLE 103	CANADA: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2018-2020 (KILOTON)	120
TABLE 104	CANADA: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2021-2027 (KILOTON)	120
TABLE 105	CANADA: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	120
TABLE 106	CANADA: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	121
TABLE 107	CANADA: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	121
TABLE 108	CANADA: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	121
10.3.3 MEXICO 121		
10.3.3.1 Generating substantial demand for lithium-ion batteries 121		
TABLE 109	MEXICO: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2018-2020 (KILOTON)	122
TABLE 110	MEXICO: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2021-2027 (KILOTON)	122
TABLE 111	MEXICO: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	122
TABLE 112	MEXICO: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	122
TABLE 113	MEXICO: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	123
TABLE 114	MEXICO: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	123
10.4 EUROPE 123		
FIGURE 42 EUROPE: BATTERY ELECTROLYTE MARKET SNAPSHOT 124		
TABLE 115	EUROPE: BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2018-2020 (USD MILLION)	124
TABLE 116	EUROPE: BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2021-2027 (USD MILLION)	125
TABLE 117	EUROPE: BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2018-2020 (KILOTON)	125
TABLE 118	EUROPE: BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2021-2027 (KILOTON)	125
TABLE 119	EUROPE: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2018-2020 (USD MILLION)	126
TABLE 120	EUROPE: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2021-2027 (USD MILLION)	126
TABLE 121	EUROPE: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2018-2020 (KILOTON)	126
TABLE 122	EUROPE: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2021-2027 (KILOTON)	127
TABLE 123	EUROPE: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2018-2020 (USD MILLION)	127
TABLE 124	EUROPE: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2021-2027 (USD MILLION)	127
TABLE 125	EUROPE: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2018-2020 (KILOTON)	128
TABLE 126	EUROPE: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2021-2027 (KILOTON)	128
TABLE 127	EUROPE: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2018-2020 (KILOTON)	128
TABLE 128	EUROPE: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2021-2027 (KILOTON)	128
10.4.1 GERMANY 129		
10.4.1.1 Booming automotive industry and increasing developments in renewable energy 129		
TABLE 129	GERMANY: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2018-2020 (KILOTON)	129
TABLE 130	GERMANY: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2021-2027 (KILOTON)	129
TABLE 131	GERMANY: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	129
TABLE 132	GERMANY: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	130
TABLE 133	GERMANY: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	130
TABLE 134	GERMANY: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	130
10.4.2 FRANCE 130		
10.4.2.1 Government initiatives for growth of electric vehicles and growing electric boats market 130		
TABLE 135	FRANCE: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2018-2020 (KILOTON)	131
TABLE 136	FRANCE: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2021-2027 (KILOTON)	131
TABLE 137	FRANCE: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	131

TABLE 138	FRANCE: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	131
TABLE 139	FRANCE: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	132
TABLE 140	FRANCE: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	132
10.4.3	UK	132
10.4.3.1	Growing sales of electric vehicles with focus on battery-based energy storage systems	132
TABLE 141	UK: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2018-2020 (KILOTON)	132
TABLE 142	UK: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2021-2027 (KILOTON)	133
TABLE 143	UK: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	133
TABLE 144	UK: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	133
TABLE 145	UK: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	133
TABLE 146	UK: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	134
10.4.4	ITALY	134
10.4.4.1	Extensive growth in renewable energy storage	134
TABLE 147	ITALY: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2018-2020 (KILOTON)	134
TABLE 148	ITALY: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2021-2027 (KILOTON)	134
TABLE 149	ITALY: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	135
TABLE 150	ITALY: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	135
TABLE 151	ITALY: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	135
TABLE 152	ITALY: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	135
10.4.5	NETHERLANDS	136
10.4.5.1	Flourishing electric vehicles industry	136
TABLE 153	NETHERLANDS: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2018-2020 (KILOTON)	136
TABLE 154	NETHERLANDS: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2021-2027 (KILOTON)	136
TABLE 155	NETHERLANDS: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	136
TABLE 156	NETHERLANDS: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	137
TABLE 157	NETHERLANDS: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	137
TABLE 158	NETHERLANDS: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	137
10.4.6	REST OF EUROPE	137
TABLE 159	REST OF EUROPE: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2018-2020 (KILOTON)	138
TABLE 160	REST OF EUROPE: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2021-2027 (KILOTON)	138
TABLE 161	REST OF EUROPE: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	138
TABLE 162	REST OF EUROPE: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	138
TABLE 163	REST OF EUROPE: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	139
TABLE 164	REST OF EUROPE: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	139
10.5	MIDDLE EAST & AFRICA	139
TABLE 165	MIDDLE EAST & AFRICA: BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2018-2020 (USD MILLION)	139
TABLE 166	MIDDLE EAST & AFRICA: BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2021-2027 (USD MILLION)	140
TABLE 167	MIDDLE EAST & AFRICA: BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2018-2020 (KILOTON)	140
TABLE 168	MIDDLE EAST & AFRICA: BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2021-2027 (KILOTON)	140
TABLE 169	MIDDLE EAST & AFRICA: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2018-2020 (USD MILLION)	141
TABLE 170	MIDDLE EAST & AFRICA: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2021-2027 (USD MILLION)	141
TABLE 171	MIDDLE EAST & AFRICA: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2018-2020 (KILOTON)	141
TABLE 172	MIDDLE EAST & AFRICA: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2021-2027 (KILOTON)	142
TABLE 173	MIDDLE EAST & AFRICA: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2018-2020 (USD MILLION)	142
TABLE 174	MIDDLE EAST & AFRICA: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2021-2027 (USD MILLION)	142

TABLE 175	MIDDLE EAST & AFRICA: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2018-2020 (KILOTON)	143
TABLE 176	MIDDLE EAST & AFRICA: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2021-2027 (KILOTON)	143
TABLE 177	MIDDLE EAST & AFRICA: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2018-2020 (KILOTON)	143
TABLE 178	MIDDLE EAST & AFRICA: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2021-2027 (KILOTON)	143
10.5.1	SAUDI ARABIA	144
10.5.1.1	Growing investments in renewable energy storage	144
TABLE 179	SAUDI ARABIA: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2018-2020 (KILOTON)	144
TABLE 180	SAUDI ARABIA: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2021-2027 (KILOTON)	144
TABLE 181	SAUDI ARABIA: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	144
TABLE 182	SAUDI ARABIA: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	145
TABLE 183	SAUDI ARABIA: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	145
TABLE 184	SAUDI ARABIA: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	145
10.5.2	ISRAEL	145
10.5.2.1	Initiatives toward renewables and electric vehicles	145
TABLE 185	ISRAEL: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2018-2020 (KILOTON)	146
TABLE 186	ISRAEL: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2021-2027 (KILOTON)	146
TABLE 187	ISRAEL: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	146
TABLE 188	ISRAEL: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	146
TABLE 189	ISRAEL: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	146
TABLE 190	ISRAEL: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	147
10.5.3	UAE	147
10.5.3.1	High demand for electric vehicles and aim to increase contribution of clean energy	147
TABLE 191	UAE: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2018-2020 (KILOTON)	147
TABLE 192	UAE: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2021-2027 (KILOTON)	147
TABLE 193	UAE: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	148
TABLE 194	UAE: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	148
TABLE 195	UAE: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	148
TABLE 196	UAE: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	148
10.5.4	REST OF MIDDLE EAST & AFRICA	149
TABLE 197	REST OF MIDDLE EAST & AFRICA: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2018-2020 (KILOTON)	149
TABLE 198	REST OF MIDDLE EAST & AFRICA: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2021-2027 (KILOTON)	149
TABLE 199	REST OF MIDDLE EAST & AFRICA: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	149
TABLE 200	REST OF MIDDLE EAST & AFRICA: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	150
TABLE 201	REST OF MIDDLE EAST & AFRICA: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	150
TABLE 202	REST OF MIDDLE EAST & AFRICA: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	150
10.6	SOUTH AMERICA	150
TABLE 203	SOUTH AMERICA: BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2018-2020 (USD MILLION)	150
TABLE 204	SOUTH AMERICA: BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2021-2027 (USD MILLION)	151
TABLE 205	SOUTH AMERICA: BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2018-2020 (KILOTON)	151
TABLE 206	SOUTH AMERICA: BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2021-2027 (KILOTON)	151
TABLE 207	SOUTH AMERICA: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2018-2020 (USD MILLION)	151
TABLE 208	SOUTH AMERICA: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2021-2027 (USD MILLION)	152
TABLE 209	SOUTH AMERICA: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2018-2020 (KILOTON)	152

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

TABLE 210	SOUTH AMERICA: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2021-2027 (KILOTON)	152
TABLE 211	SOUTH AMERICA: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2018-2020 (USD MILLION)	152
TABLE 212	SOUTH AMERICA: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2021-2027 (USD MILLION)	153
TABLE 213	SOUTH AMERICA: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2018-2020 (KILOTON)	153
TABLE 214	SOUTH AMERICA: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY COUNTRY, 2021-2027 (KILOTON)	153
TABLE 215	SOUTH AMERICA: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2018-2020 (KILOTON)	153
TABLE 216	SOUTH AMERICA: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2021-2027 (KILOTON)	154
10.6.1	BRAZIL	154
10.6.1.1	Vast mineral reserves of lithium to create market opportunity	154
TABLE 217	BRAZIL: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2018-2020 (KILOTON)	154
TABLE 218	BRAZIL: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2021-2027 (KILOTON)	154
TABLE 219	BRAZIL: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	155
TABLE 220	BRAZIL: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	155
TABLE 221	BRAZIL: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	155
TABLE 222	BRAZIL: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	155
10.6.2	ARGENTINA	156
10.6.2.1	Huge potential for battery electrolyte due to mining and large lithium ore reserves	156
TABLE 223	ARGENTINA: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2018-2020 (KILOTON)	156
TABLE 224	ARGENTINA: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2021-2027 (KILOTON)	156
TABLE 225	ARGENTINA: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	156
TABLE 226	ARGENTINA: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	157
TABLE 227	ARGENTINA: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	157
TABLE 228	ARGENTINA: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	157
10.6.3	REST OF SOUTH AMERICA	157
TABLE 229	REST OF SOUTH AMERICA: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2018-2020 (KILOTON)	157
TABLE 230	REST OF SOUTH AMERICA: BATTERY ELECTROLYTE MARKET SIZE, BY BATTERY TYPE, 2021-2027 (KILOTON)	158
TABLE 231	REST OF SOUTH AMERICA: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	158
TABLE 232	REST OF SOUTH AMERICA: LEAD-ACID BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	158
TABLE 233	REST OF SOUTH AMERICA: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2018-2020 (KILOTON)	158
TABLE 234	REST OF SOUTH AMERICA: LITHIUM-ION BATTERY ELECTROLYTE MARKET SIZE, BY ELECTROLYTE TYPE, 2021-2027 (KILOTON)	159
11	COMPETITIVE LANDSCAPE	160
11.1	INTRODUCTION	160
11.2	STRATEGIES ADOPTED BY KEY PLAYERS	160
TABLE 235	OVERVIEW OF STRATEGIES ADOPTED BY BATTERY ELECTROLYTE MANUFACTURERS	160
11.3	MARKET SHARE ANALYSIS	161
11.3.1	KEY MARKET PLAYERS, 2021	161
FIGURE 43	BATTERY ELECTROLYTE: MARKET SHARE ANALYSIS	162
11.3.1.1	Mitsubishi Chemical Corporation	163
11.3.1.2	UBE Corporation	163
11.3.1.3	GS Yuasa International Ltd.	163
11.3.1.4	Capchem	163
11.3.1.5	3M	163
11.4	COMPANY PRODUCT FOOTPRINT ANALYSIS	163

TABLE 236BATTERY ELECTROLYTE MARKET: BATTERY TYPE FOOTPRINT163

TABLE 237BATTERY ELECTROLYTE MARKET: END USE FOOTPRINT164

TABLE 238BATTERY ELECTROLYTE MARKET: REGION FOOTPRINT165

Battery Electrolyte Market by Battery Type (Lead-Acid and Lithium-Ion), Electrolyte Type (Liquid, Gel, Solid), End-Use (EV, Consumer Electronics, Energy Storage) and Region (APAC, North America, Europe, South America, and MEA) - Global Forecast to 2027

Market Report | 2022-08-17 | 204 pages | MarketsandMarkets

To place an Order with Scotts International:

- ☐ - Print this form
- ☐ - Complete the relevant blank fields and sign
- ☐ - Send as a scanned email to support@scotts-international.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

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	2025-05-20
		Signature	<div></div>