

Canada EV Battery Pack - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2029)

Market Report | 2025-04-28 | 278 pages | Mordor Intelligence

AVAILABLE LICENSES:

- Single User License \$4750.00
- Team License (1-7 Users) \$5250.00
- Site License \$6500.00
- Corporate License \$8750.00

Report description:

The Canada EV Battery Pack Market size is estimated at 0.95 billion USD in 2025, and is expected to reach 3.99 billion USD by 2029, growing at a CAGR of 43.07% during the forecast period (2025-2029).

Government support and incentives boost the demand for BEVs

- In recent years, Canada has seen significant growth in the adoption of electric vehicle (EV) battery packs. According to the International Energy Agency (IEA), the total number of EVs produced in Canada reached 17,000 in 2020, representing a 29% increase from the previous year. The increased production has also led to a reduction in the cost of battery packs, which is a key factor driving the adoption of EVs. According to Markline, the average cost of a battery pack in Canada was USD 157 per kilowatt-hour in 2020, a 14% reduction from 2019. R&D has also played a key role in driving the adoption of EV battery packs in Canada.
- One of the primary drivers of EV growth is the government's emphasis on supporting renewable energy and lowering carbon emissions. The numerous rebates and tax credits available to EV customers in Canada make them more affordable for the general public. For example, the Canadian federal government has introduced the iZEV program, which provides up to USD 5,000 in refunds to consumers who purchase or lease qualified zero-emission cars, including EVs. This has aided in the increased adoption of EVs in the country, driving the demand for EV battery packs.
- The future of electric vehicles (EVs) in Canada looks promising. The Canadian government set a target for all new light-duty vehicles sold to be zero-emission vehicles by 2035. Various Canadian provinces have set their targets for the adoption of electric vehicles. For example, Quebec aims to have 100% of new passenger vehicle sales be electric by 2035, and British Columbia has set a target of 100% zero-emission vehicle sales by 2040. This will undoubtedly lead to an increase in the adoption of EVs in the

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

country.

Canada EV Battery Pack Market Trends

Tesla, Chevrolet, Ford, Hyundai, and Toyota lead EV sales in Canada

- As of 2022, the electric vehicle (EV) market in Canada is dominated by five major players, collectively accounting for approximately 70% of the market. These prominent companies include Tesla, Toyota Group, Ford Group, Hyundai, and Chevrolet. Leading the pack, Tesla commands a significant 52.30% market share, emphasizing its commitment to cutting-edge innovations. Tesla has also forged strategic partnerships with key EV component manufacturers, notably in the battery segment. With a strong presence and a loyal customer base, Tesla's offerings are highly regarded across Canada.
- Securing the second spot in Canada's EV market, Chevrolet captures an 8.18% market share. Chevrolet, a well-established brand, boasts a robust supply and distribution network. With its diverse product portfolio, the company offers a range of electric vehicles. In third place, the Ford Group, a prominent North American brand, holds a 7.76% market share in EV sales in Canada, leveraging its extensive product and service network.
- Hyundai, with a 6.73% market share, stands as the fourth-largest player in Canada's EV market. Known for its strong production and supply chain, Hyundai offers a wide array of innovative EVs at competitive prices. Toyota Group, the fifth major player, maintains a market share of 6.53%. Other notable EV sellers in Canada include Kia, Audi, BMW, VW, and Nissan.

Major demand for battery packs comes from the passenger car segment, where Tesla has a market share of more than 50% in Canada

- Canada has witnessed a consistent growth in the demand for electric vehicles (EVs) in recent years, driving the growth in the demand for batteries. While the market offers a plethora of brands and models, the standout performers in 2023 were the Tesla Model 3, Tesla Model Y, Ford Mustang Mach-E, Hyundai IONIQ 5, and Toyota Prius. The Tesla Model 3, with 22,515 units sold, retained its dominant position, driven by its impressive performance, commendable range, and rear-wheel drive.
- The Tesla Model Y secured the second spot, selling 16,089 units in 2023. It entices buyers with its two variants: the long-range and the performance edition, both boasting stellar performance and extended range. The Ford Mustang Mach-E clinched the third position, selling 6,048 units. This fully electric vehicle comes in four variants, catering to diverse consumer preferences for both performance and range.
- The Hyundai IONIQ 5 secured the fourth spot, with 5,037 units sold across Canada in 2023. Its competitive pricing, spacious long wheelbase, and comfortable seating make it a hit among buyers. Rounding off the top five is the Toyota Prius, with 4,313 units sold in Canada in 2023. Notable mentions among the other top-selling models include the Chevrolet Bolt EUV, Chevrolet Bolt, Volkswagen ID.4, Nissan Leaf, and Hyundai EV6.

Canada EV Battery Pack Industry Overview

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

The Canada EV Battery Pack Market is fairly consolidated, with the top five companies occupying 91.96%. The major players in this market are LG Energy Solution Ltd., Panasonic Holdings Corporation, Samsung SDI Co. Ltd., SK Innovation Co. Ltd. and Tesla Inc. (sorted alphabetically).

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

Table of Contents:

1 EXECUTIVE SUMMARY & KEY FINDINGS

2 REPORT OFFERS

3 INTRODUCTION

3.1 Study Assumptions & Market Definition

3.2 Scope of the Study?

3.3 Research Methodology

4 KEY INDUSTRY TRENDS

4.1 Electric Vehicle Sales

4.2 Electric Vehicle Sales By OEMs

4.3 Best-selling EV Models

4.4 OEMs With Preferable Battery Chemistry

4.5 Battery Pack Price

4.6 Battery Material Cost

4.7 Price Chart Of Different Battery Chemistry

4.8 Who Supply Whom

4.9 EV Battery Capacity And Efficiency

4.10 Number Of EV Models Launched

4.11 Regulatory Framework

4.11.1 Canada

4.12 Value Chain & Distribution Channel Analysis

5 MARKET SEGMENTATION (includes market size in Value in USD and Volume, Forecasts up to 2029 and analysis of growth prospects)

5.1 Body Type

5.1.1 Bus

5.1.2 LCV

5.1.3 M&HDT

5.1.4 Passenger Car

5.2 Propulsion Type

5.2.1 BEV

5.2.2 PHEV

5.3 Battery Chemistry

5.3.1 LFP

5.3.2 NCA

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 5.3.3 NCM
- 5.3.4 NMC
- 5.3.5 Others
- 5.4 Capacity
 - 5.4.1 15 kWh to 40 kWh
 - 5.4.2 40 kWh to 80 kWh
 - 5.4.3 Above 80 kWh
 - 5.4.4 Less than 15 kWh
- 5.5 Battery Form
 - 5.5.1 Cylindrical
 - 5.5.2 Pouch
 - 5.5.3 Prismatic
- 5.6 Method
 - 5.6.1 Laser
 - 5.6.2 Wire
- 5.7 Component
 - 5.7.1 Anode
 - 5.7.2 Cathode
 - 5.7.3 Electrolyte
 - 5.7.4 Separator
- 5.8 Material Type
 - 5.8.1 Cobalt
 - 5.8.2 Lithium
 - 5.8.3 Manganese
 - 5.8.4 Natural Graphite
 - 5.8.5 Nickel
 - 5.8.6 Other Materials

6 COMPETITIVE LANDSCAPE

- 6.1 Key Strategic Moves
- 6.2 Market Share Analysis
- 6.3 Company Landscape
- 6.4 Company Profiles
 - 6.4.1 Ambri Inc.
 - 6.4.2 Contemporary Amperex Technology Co. Ltd. (CATL)
 - 6.4.3 Envision AESC Japan Co. Ltd.
 - 6.4.4 Imperium3 New York (IM3NY)
 - 6.4.5 LG Energy Solution Ltd.
 - 6.4.6 Panasonic Holdings Corporation
 - 6.4.7 Samsung SDI Co. Ltd.
 - 6.4.8 Sila Nanotechnologies Inc.
 - 6.4.9 SK Innovation Co. Ltd.
 - 6.4.10 Tesla Inc.

7 KEY STRATEGIC QUESTIONS FOR EV BATTERY PACK CEOS

8 APPENDIX

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 8.1 Global Overview
 - 8.1.1 Overview
 - 8.1.2 Porter's Five Forces Framework
 - 8.1.3 Global Value Chain Analysis
 - 8.1.4 Market Dynamics (DROs)
- 8.2 Sources & References
- 8.3 List of Tables & Figures
- 8.4 Primary Insights
- 8.5 Data Pack
- 8.6 Glossary of Terms

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

**Canada EV Battery Pack - Market Share Analysis, Industry Trends & Statistics,
Growth Forecasts (2025 - 2029)**

Market Report | 2025-04-28 | 278 pages | Mordor Intelligence

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 License	\$4750.00
	Team License (1-7 Users)	\$5250.00
	Site License	\$6500.00
	Corporate License	\$8750.00
		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"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-02"/>
		Signature	

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

