Canada Electric Vehicle Battery Manufacturing Equipment - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

Market Report | 2025-04-28 | 300 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 Electric Vehicle Battery Manufacturing Equipment Market size is estimated at USD 11.88 million in 2025, and is expected to reach USD 27.07 million by 2030, at a CAGR of 17.9% during the forecast period (2025-2030).

Key Highlights
- Over the long term, the Canadian market is poised for growth, driven by favorable government policies promoting electric vehicles (EVs) and their rising adoption in major cities like Toronto, Montreal, Calgary, Ottawa, and Edmonton.
- On the other hand, the Canadian market faces challenges, notably a shortage of domestic manufacturers and a heavy reliance on imported battery equipment.
- Nevertheless, advancements in technology, such as increased capacity and reduced discharge rates, are set to enhance the feasibility and efficiency of battery equipment manufacturing, unlocking vast opportunities for the market.

Canada Electric Vehicle Battery Manufacturing Equipment Market Trends

Lithium-Ion batteries Segment is expected to Dominate the Market

- Canada has solidified its position as a global leader in lithium-ion battery research and innovation, driven by rising electric vehicle adoption, heightened consumer electronics spending, and robust manufacturing activities.
- In 2024, Canada's transportation sector is projected to emit nearly 180 million metric tons of carbon dioxide, accounting for about a quarter of the nation's total emissions. The Canadian automotive industry is undergoing a transformation, with many

manufacturers shifting focus to electrification, either by establishing new plants or repurposing existing ones for electric vehicle production.
- In November 2023, E-One Moli Energy selected a community in British Columbia's Lower Mainland for its new USD 1.05-billion lithium-ion battery cell manufacturing facility. Located in Maple Ridge, near Greater Vancouver, the plant's expansion is backed by a federal-provincial investment of USD 280 million.
- In 2023, Canada witnessed electric vehicle sales reaching 130,000, marking a 35.29% increase from 2022. Furthermore, the Canadian government is actively promoting investments in lithium-ion battery supply chains and manufacturing. For example, in May 2024, Asahi Kasei, a leading Japanese chemical firm, revealed plans for its integrated lithium-ion battery (LIB) separator plant in Port Colborne, Niagara region, Ontario. Operating under the name Asahi Kasei Battery Separator Canada, the facility aims to commence commercial production in 2027, bolstering a sustainable lithium supply crucial for electric vehicle production and strengthening the North American supply chain.
- In September 2023, Northvolt, a Swedish lithium-ion battery manufacturer, committed USD 5.2 billion to a Gigafactory in Quebec. The project's initial phase, with a total investment of USD 7 billion, targets an annual battery cell production capacity of 30 GWh, with operations set to begin in 2026.
- Given these developments, the demand for lithium-ion batteries in Canada's electric vehicles is poised for substantial growth in the coming years.

Increasing Adoption of Electric Vehicles is expected to Drive the Market

- The electric vehicles market in Canada has witnessed a steady increase. The advancements in battery technology have led to longer driving ranges and improved performance of electric vehicles, addressing one of the main concerns of potential buyers.
- With a commitment to decarbonizing its transportation sector and aspiring to be a global leader in zero-emission vehicles (ZEVs), Canada has set ambitious goals. The Government of Canada aims for all new light-duty vehicle sales to be zero-emission by the year 2035.
- In recent years, both federal and provincial governments have made significant strides in outlining and supporting climate change initiatives. In line with the 'Paris Climate Agreement,' the federal government has set a target to reduce greenhouse gas (GHG) emissions by 30% from 2005 levels by 2030. This translates to cutting emissions by 200-300 megatons from projected levels.
- Given that the transportation sector is the second-largest contributor to GHG emissions in Canada, the widespread adoption of electric vehicle (EV) technology offers a substantial opportunity for provinces and territories to meet their GHG reduction targets. Provinces like British Columbia, Quebec, and Ontario are at the forefront of this EV adoption movement.
- Moreover, data from the Canada Energy Regulator highlights the surge in electric vehicle (EV) sales across the nation. In 2023, Canada registered 139,521 battery electric vehicles, a 41% jump from the 98,589 sold in 2022. Also, in 2023, Canada saw battery car sales hit 41,000, marking a 52.3% increase from 2022 figures.
- Given these developments, the rising adoption of electric vehicles is poised to propel the market further.

Canada Electric Vehicle Battery Manufacturing Equipment Industry Overview

The Canada Electric Vehicle Battery Manufacturing Equipment Market is semi-consolidated. Some of the key players in this market (in no particular order) are Xiamen Lith Machine Limited, IPG Photonics Corporation, Durr AG, Hitachi Ltd, and Xiamen Tmax Battery Equipments Limited.

Additional Benefits:

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

Table of Contents:

Canada Electric Vehicle Battery Manufacturing Equipment - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

Market Report | 2025-04-28 | 300 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*		Phone*	
First Name*		Last Name*	
Job title*			
Company Name*		EU Vat / Tax ID / NIP number*	
Address*		City*	
Zip Code*		Country*	
		Date	2026-03-01
		Signature