

Canadian lithium-ion energy storage battery company



Overview

LG Energy Solution and Stellantis' joint venture (JV), NextStar Energy, operator of Canada's first large-scale lithium-ion (Li-ion) battery manufacturing plant, is expanding to produce energy storage system (ESS) batteries. NextStar Energy was established as a joint venture by the two companies. 18 November 2025 - Windsor, ON - NextStar Energy today announced that it has officially begun mass production at its battery manufacturing facility. The Windsor facility, which has absorbed \$5 billion CAD (\$3.7 billion), will target energy storage markets beyond automotive. This article delves into the key supply chain centers across Canada, profiles the top six lithium battery.

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LG Energy Solution gains full control of Canada's top battery plant

Discover how LG Energy Solution's acquisition of Stellantis's stake in NextStar Energy reshapes Canada's battery manufacturing landscape, targeting diverse markets including EV and ...

Top 6 Canadian Lithium Battery Manufacturers (2024 Guide)

This article delves into the key supply chain centers across Canada, profiles the top six lithium battery makers, and highlights essential fairs for those looking to tap into the Canadian lithium battery market.

GRADE A BATTERY

LiFePO₄ battery will not burn when overcharged, over discharged, overcurrent or short circuited and can withstand high temperatures without decomposition.



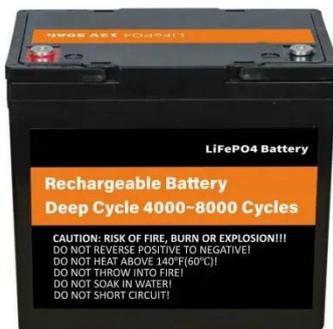
LG Energy Solution to Acquire Full Ownership of NextStar Energy in

LG Energy Solution (KRX: 373220) is a leading global manufacturer of lithium-ion batteries for electric vehicles, mobility, IT, and energy storage systems. With more than 30 years of ...



NextStar Energy to produce LFP cells in Canada for BESS

LG Energy Solution and Stellantis' joint venture (JV), NextStar Energy, operator of Canada's first large-scale lithium-ion (Li-ion) battery manufacturing plant, is expanding to produce ...



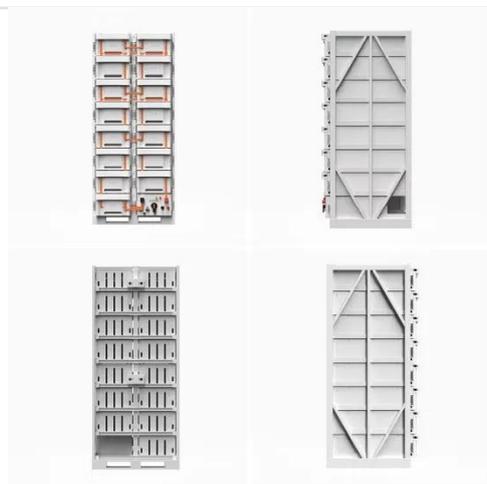
NextStar Energy Begins Mass Production - NextStar Energy

As Canada's first and only large-scale, industrialized lithium-ion battery manufacturing facility, NextStar brings a significant competitive edge to compete on a global scale.

Top 10 BESS manufacturers in Canada

This paper will introduce the top 10 BESS manufacturers in Canada including TERIC Power, Northland Power,

TransAlta, EVLO, Hecate Energy,
Discover Battery, AltaStream,
Westbridge Renewable ...



ONEIDA ENERGY STORAGE

Located in Haldimand County, Ontario, Oneida Energy Storage is a fully operational, 250 MW/1,000 MWh lithium-ion battery energy storage facility. It represents Canada's largest operational ...

6 Top Lithium Ion Battery Companies in Canada · January 2026

Detailed info and reviews on 6 top Lithium Ion Battery companies and startups in Canada in 2026. Get the latest updates on their products, jobs, funding, investors, founders and more.



Stellantis sells its stake of Ontario battery factory to South Korea's



NextStar was a joint venture between the two companies that came about in 2022 to build Canada's first large-scale battery manufacturing facility in Windsor, Ont.

NextStar's Canadian battery plant shifts gears to stationary storage

According to the company, the shift, starting with commercial production of the facility expected for December 2025, involves adding a lithium iron phosphate (LFP) chemistry line ...



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