

MEDIA FACT SHEET – About LG Energy Solution

March 5, 2026

■ Technological Leadership

- LG Energy Solution is a leading global manufacturer of lithium-ion batteries for electric vehicles, mobility, IT, robotics and energy storage systems.
- At the center of its rise was a visionary leader - the late chairman of LG group, who discovered rechargeable battery during a business trip to the UK in 1992, saw great future growth potential and brought samples back to Korea for further research.
- The company pioneered the North American market for EV batteries, having arrived in the United States before anyone. In 2000, LG Energy Solution established its first U.S. research facility and started development of lithium-ion batteries for electric vehicles.
- In 2012, LG Energy Solution made the U.S.'s first commercial-scale batteries at its Holland, Michigan manufacturing facility.
- With more than 30 years of experience in revolutionary battery technology and extensive research and development (R&D), LG Energy Solution holds the largest number of battery technology-related patents (90,104 patents as of 2025) in the world.

■ Global Production Network and Operational Expertise

- LG Energy Solution established the largest manufacturing network in the battery industry with its manufacturing facilities currently running in South Korea, Canada, U.S., Poland, China and Indonesia.
- With this extensive network in place, LG Energy Solution can optimize the cost of logistics through local production, better adapt to local market changes, and position itself close to the customers to ensure timely delivery and technical support, enhancing global competitiveness.

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North American Operations

- LG Energy Solution is the largest battery company in North America with the most diverse manufacturing footprint, spanning multiple customers, use cases, chemistries and formats.
- The company operates four stand-alone facilities (Canada: NextStar Energy / U.S.: LG Energy Solution Michigan Holland, LG Energy Solution Michigan Lansing, LG Energy Solution Arizona) and four joint venture facilities in the region.
- As the global battery market expands beyond EV into diverse sectors such as ESS, robotics, Urban Aerial Mobility and ships, LG Energy Solution is strategically rebalancing its portfolio and enhancing operational efficiency. The company is reallocating production capacity between EV and Energy Storage Systems to minimize new investments while maximizing the utilization of existing production lines worldwide. This strategic shift aims to increase global ESS production capacity to over 60 GWh this year, with more than 50 GWh of this capacity concentrated in North America.