

# Thailand lithium battery for gate motor

Will Thailand's first lithium-ion battery Gigafactory complete EV ecosystem?

Amita Technology, Thailand and ASEAN's first lithium-ion battery gigafactory, has pledged to complete the country's electric vehicle (EV) ecosystem by developing its own battery manufacturing from upstream to downstream, says Energy Absolute, Amita Technology's parent company.

Will a lithium-ion battery factory strengthen Thailand's EV hub?

Speaking to a group of The Nation media members during a factory visit in Chachoengsao, Somphote Ahunai, CEO of Energy Absolute, said that having a factory that can completely produce lithium-ion batteries from cells will reinforce Thailand's position EV hub.

Could a lithium mine be a key metal for EV batteries?

The silvery-white element is a key metal for EV batteries and establishing lithium mines would put Thailand in a unique position compared to other major producers because it is also developing an EV production industry, including \$1.44 billion in investment commitments from Chinese carmakers.

What will PTT's new lithium-ion battery plant do in Q4 2023?

According to PTT Public Company chief new business and infrastructure officer Dr Buranin Rattanasombat, the plant will have developed, and be providing, "high-quality lithium-ion batteries to the market" by Q4 2023. The plant's initial production capacity will be 1GWh/year, with plans to double that by the middle of the decade.

What's going on with Lithium Exploration in Thailand?

The Thai government is also pushing for lithium exploration in new areas, including revising regulations to enable private firms such as Matsa Resources (MAT.AX), an Australian miner hunting for lithium in Thailand, to undertake studies on agricultural land, DPIM's Aditad said.

Could Reung Kiet lead to EV batteries?

The Reung Kiet resource could translate into enough lithium for at least 1 million EV batteries of 50 kilowatt-hour capacity, the DPIM's Director General Aditad Vasinonta said, adding that mining could begin there in about two years. The mineral resources at Bang I Tum may be 10%-70% larger than Reung Kiet, according to Pan Asia's Lock.

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Thailand hopes to start producing lithium from a mine in its southwest in about two years, boosting its ambitions to become a regional electric vehicle (EV) production hub, according to...



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A lithium iron phosphate battery (often shortened with its chemical composition  $\text{LiFePO}_4$  battery) is a type of lithium-ion battery, that has cathode materials made from lithium iron phosphate. ...

The Chinese lithium battery manufacturer's group company Gotion Singapore has agreed to form a joint venture (JV) with a pair of Thai power companies, Arun Plus Company and Global Power Synergy Public Company, to add to Gotion's 14 existing giga-scale manufacturing facilities worldwide.

On December 20, 2023, Svolt Energy said it saw the first battery pack come off the line at its Thailand plant. The battery pack is Svolt Energy's LCTP battery pack with a capacity of 60 kWh, providing a CLTC range of up to 500 km. The pack is based on lithium iron phosphate chemistry and utilizes Svolt Energy's L600 series cells.

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This allows them to take full advantage of the benefits of lithium batteries while ensuring proper charging and operation, as long as the chosen lithium battery can meet the required current ...

NV Gotion, a joint venture between Chinese battery maker Gotion and Thai state-owned PTT, opened its first factory in Thailand on Thursday. The new plant, located at Siam Eastern Industrial Park II in Rayong, is a significant step in the country's ambition to become a global hub for electric vehicle production, said the president of Thailand ...

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