

The company's disruptive architecture enables a battery with high energy density and capacity without compromising safety. Enovix is scaling its silicon-anode, lithium-ion battery manufacturing capabilities to meet customer demand.

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This application covers the apparatus and methods necessary for the continuous or semi-continuous high-throughput production of GEN3 and beyond engineered silicon-based materials suitable for Li-ion battery anodes.

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This announcement involves the latest batch of batteries, made with a blend of graphite and Novacium's partially optimized third-generation (GEN3) advanced silicon-based anode material, has surpassed the average capacity of 4,030 milliampere-hours (mAh) [1].

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18650 batteries with GEN3 silicon-based materials continue to deliver 3,734 mAh of capacity after 200 cycles [1], surpassing the MuRata high-performance US18650VTC6 battery by 25% compared to its advertised starting capacity of 3,000 mAh, and by 66% compared to its capacity at 200 cycles [2]



Silicon battery Cayman Islands

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