

Solid-state batteries united arab emirates

California-based battery producer Statevolt plans to manufacture solid-state battery cells in the United Arab Emirates (UAE) by the end of 2026. Sister company Statevolt Emirates is preparing to build a 3.2-billion dollar gigafactory in Ras Al Khaimah. With an annual production capacity of up to 40 gigawatt-hours, the project aims to tap into the emerging export markets for battery storage and electric mobility in the Middle East region, including Africa and India. Initially, semi-solid state batteries will be produced.

Statevolt is already building a 54-gigawatt-hour lithium-ion battery gigafactory in California. The company's UAE facility will be built in the Al Ghail Industrial Park in the Ras Al Khaimah Economic Zone. The project is expected to create up to 2,500 direct jobs and to significantly contribute to the UAE's "Vision 2031" for a "future-oriented economy and society."

Source:<https://etn.news/iesa-contacts-menu/7062-statevolt-emirates-battery-gigafactory-ras-al-khaimah-uae>

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The factory built by Statevolt will produce semiconductor battery cells, with the goal to switch to solid-state battery cells when the project reaches full capacity. The project will be built on an area of 60 hectares in the Al Hamra Industrial Zone in RAKEZ and is expected to create up to 2,500 direct jobs.

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According to Statevolt, the gigafactory is designed to set a new standard for battery technology with its ultimate safety and extended life cycle, offering battery solutions that adapt to a wide range of climates and conditions.

Lars Carlstrom, Founder and CEO of Statevolt, said: "Our \$3.20bn investment in the Ras Al Khaimah Gigafactory, using next-generation technology, highlights this commitment, aiming to meet the growing demand for energy storage solutions across Africa, India, the UAE, and the Middle East."



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Web: <https://kary.com.pl/contact-us/>

Email: [energystorage2000@gmail.com](mailto:energystorage2000@gmail.com)

WhatsApp: 8613816583346

