



Eritrea sicona battery technologies

The company's battery materials technology delivers an increase in energy density and reduces the cost of energy storage compared to conventional graphite-only Lithium-ion battery cells by leveraging silicon metal, it provides these benefits to all-electric vehicles, enabling users to unlock faster battery charging rates.

Sicona develops . next generation battery technology. that enable electric-mobility and storage of renewable energy . Sicona is commercialising innovative silicon-composite anode technology that . delivers up to 233% higher specific capacity than graphite only anodes . Sicona will licence or produce & sell high

Sicona develops next generation battery technology used in the anodes (negative electrodes) of lithium-ion ("Li-ion") batteries that enable electric-mobility and storage of renewable energy. Sicona is commercialising an innovative silicon-composite battery anode technology, developed and perfected over the last ten years at the Australian ...

Sicona Battery Technologies is a pioneering Australian company specializing in Silicon-Carbon (SiCx(TM)) anode materials for lithium-ion batteries. Their advanced technology delivers a 20% increase in energy density compared to traditional graphite anodes, resulting in lighter, more compact, and cost-effective batteries.

Our innovative SiCx(TM) battery materials technology delivers +20% increase in energy density over conventional graphite-only Lithium-ion battery cells. By leveraging silicon metal Sicona delivers high performance battery materials at mass market scale, without costing the earth.

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Sicona's high energy density and unmatched low-cost battery anode technology enables Electric Vehicles to be more energy efficient and affordable with: Up to 50% increase in battery energy density; and; Up to a 30% reduction in the cost/kwh of energy storage compared to traditional Li-ion batteries with pure graphite anodes.



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