



# Altairnano plants

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The company is accelerating the pace of technological innovation and industrial upgrading with a comprehensive R& D system. The safety performance of the GREE Altairnano self-developed ...

From large mining haul trucks to locomotives and construction equipment like forklifts that require durable battery systems, battery-operating requirements and environmental factors favor Altairnano's ...

Serving industrial, transportation, and grid sectors globally, Altairnano delivers sustainable, high-performance energy solutions. Altairnano Inc., founded in 1973 and headquartered in Reno, Nevada, ...

As a leader in advanced energy management system for clean, efficient power and energy management, Altairnano's suite of advanced lithium-ion cell technology is helping solve today's ...

BMU v19 Changes 1) Added the ability for the Heartbeat signal to be used for multi-string systems. Once the coordinator has been established, it will send the Heartbeat in the Application Command ...

Altairnano is a 40 year-old company that entered into the battery industry when our material scientists identified novel ways to use nanoscale technologies to process lithium titanate oxide (LTO) materials.

By delivering clean energy storage solutions that strengthen the efficiency, resiliency and reliability of the electricity grid, Altairnano is helping utilities and energy services companies achieve sustainable and ...

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Altairnano is the first company to replace traditional graphite materials used in conventional lithium-ion batteries with a proprietary, nanostructured lithium titanate.

Altairnano offers a battery management system for electric grids, heavy-duty vehicles, and transportation, incorporating nano lithium titanate (nLTO) cells.

## Altairnano plants

Altairnano's best-known product are their lithium-ion batteries, produced by Altair's Power and Energy division. The batteries have an anode made of a lithium titanate oxide formed into a spinel structure. The titanate replaces the graphite anodes of typical lithium-ion batteries. The batteries are not the only batteries to use nanomaterials, but other batteries, like those from A123 Systems generally replace the cathode rather than the anode.

Altairnano's advanced lithium-ion battery systems are ideal for remote uninterruptible power supply (UPS) applications in remote, severe, or unusually challenging environments from remote cell towers ...

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