

Does xerotech have a battery safety technology?

Xerotech, a leading manufacturer of advanced lithium-ion battery systems, announced that it will qualify one of its core proprietary battery safety technologies for space applications in conjunction with the European Space Agency (ESA).

Does xerotech offer electrification of heavy-duty machinery?

The electrification of heavy-duty machinery becomes available to every OEM and Integrator. Xerotech's patented technology, Xerotherm™, is a game changer in battery system safety and performance, with a world-leading solution powering our thermal management and safety technology.

What is xerotech™?

Xerotech's patented technology, Xerotherm™, is a game changer in battery system safety and performance, with a world-leading solution powering our thermal management and safety technology. Is it crazy to think you can change the world? We're doing something here that's never been done before.

Who makes xerotech batteries?

That challenge is what battery manufacturer Xerotech aims to solve. Based in Claregalway, in Ireland, it was founded by CEO Dr Barry Flannery in 2015, and the company now supplies packs to many off-highway EV OEMs.

What is xerotech Hibernium™?

Xerotech's patented technology, Hibernium™, represents a complete step-change in the safety and performance of battery systems. With our Hibernium™ battery system platform designed for off-highway vehicle OEMs. There's an industrial revolution taking place right now, as off-highway OEMs race to electrify their products.

What is xerotech battery disconnect Unit (BDU)?

On the front of each pack sits Xerotech's battery disconnect unit (BDU), which contains the BMS, contactors and related safety and control subsystems, along with connections from the BMS master unit to module-level slave BMS boards for lower-level monitoring and commands.

That's why we want to make it as easy as possible to find a bespoke battery pack to power your application. Simply use the navigation tool on the left to determine which batteries from our catalog fit your specifications, download the ...

Meet the disruptive battery technology that is powering the electrification of everything else. Xerotech's patented technology, Hibernium™, represents a complete step-change in the safety and performance of battery ...

Technology company Xerotech has launched a modular battery platform, which could potentially be used across an entire range of electrically-powered construction equipment. Combining seven variants of modules with a ...

Xerotech's battery disconnect unit contains each pack's master BMS, its manual service disconnect system, a board for warning LEDs, and inertial sensors for usage and crash monitoring. To date, its largest with a ...

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Technology company Xerotech has launched a modular battery platform, which could potentially be used across an entire range of electrically-powered construction equipment. Combining seven variants of modules with a choice of battery cell chemistry, the Hibernium system can range in power from 15kWh up to 300kWh, rising in 5kWh increments.

Xerotech, a leader in battery pack technology for heavy-duty non-road mobile machinery (NRMM) is to join forces with new battery cell technology developer Innolith to launch the industry's first battery packs for ...

Xerotech is a leading manufacturer of advanced battery systems for low-volume high-diversity markets like off-highway and heavy-duty segments. We are a Tier 1 battery supplier to OEMs who manufacture (or retrofit) heavy-duty equipment and we have massively disrupted the market recently with our highly scalable modular battery platform called ...

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Xerotech's Hibernium battery platform is built on a modular platform, allowing for high flexibility and economies of scale. You can leverage the volume efficiencies of an entire common platform shared across multiple customers and industries even when buying just a single pack.

Xerotech's battery disconnect unit contains each pack's master BMS, its manual service disconnect system, a board for warning LEDs, and inertial sensors for usage and crash monitoring. To date, its largest with a published datasheet is a 290kWh solution weighing 1429kg and measuring 2392 x 1201 x 430mm, with a nominal voltage output of 691V ...

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forces with new battery cell technology developer Innolith to launch the industry's first battery packs for electrification of a ...

Meet the disruptive battery technology that is powering the electrification of everything else. Xerotech's patented technology, Hibernium <sup>®</sup>, represents a complete step-change in the safety and performance of battery systems. Scalable power for any industry. Our goal is to make electrification available to all markets, even the toughest ones.

Xerotech is agnostic regarding battery cell chemistries, partly in response to the rapidly changing nature of cell components and formulations. As Dr Flannery explains, "Cells have four key ingredients: anode, cathode, separator and electrolyte. Change any of those and you change the battery's characteristics.

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Web: <https://www.gennergyps.co.za>