

Solar Energy South Africa

Xerotech battery systems Serbia



Overview

What is xerotech patented technology?

Xerotech's patented technology represents a major shift in the safety and performance of battery systems. battery packs are among the most flexible and configurable systems in the market today. Among the most flexible and configurable systems In the market today.

Who is xerotech?

Xerotech is a battery technology company that is solving one of the greatest challenges of our generation, industrial electrification. Our talented team is making an impact on a global scale, driven by a shared vision of a fully electric future. We thrive in a fast-paced, energetic and innovative culture where no two days are the same.

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.

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.

Where is xerotech located?

We are ideally located with nearby access to the M6 to Dublin and within easy reach of both Dublin and Shannon airport. Xerotech is a battery technology company that is solving one of the greatest challenges of our generation, industrial electrification.

Can xerotech's modular battery system revolutionize the construction equipment market?

Combining seven variants of modules with a choice of battery cell chemistry, a new “turnkey” modular battery system from technology firm Xerotech is promising to revolutionize the construction equipment market by offering manufacturers a flexible, scalable battery pack that can go in — well, just about everything! Image courtesy Xerotech.

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[XT Stories , Xerotech](#)

There's always another side to a person, and our XT Stories explore what makes the Xerotech team a group of special individuals! XT Stories - Dr. Barry Flannery. The man behind one of the most revolutionary battery systems in the world, here's one chapter of Dr Barry Flannery's story. XT Stories - Pawel Marciniak

[Battery Catalog](#)

That's why we want to make it as easy as possible to find a bespoke battery pack to power your application. providing an astonishing up to 12 MWh of energy in a single system. ML12 (511 mm wide packs) ML18 (649 mm wide packs) ML24 (787 mm wide packs) ML30 (925 mm wide packs) EPCA and Xerotech are transforming mining with the



['How-To' Video , Xerotech](#)

Once installed in the vehicle or application, follow this step-by-step guide to commissioning your pack with coolant for the thermal management system. How-to: Thermal Management Integration Setting up your coolant system is no ...

[Configurability](#)

The risk of thermal propagation is virtually eliminated with Xerotech's proprietary module design by using a specially engineered fire-

retardant structural foam. It's 85% lighter than solutions used by leading electric vehicle manufacturers.



- LiFePO₄ Battery, safety**
- Wide temperature: -20~55°C**
- Modular design, easy to expand**
- The heating function is optional**
- Intelligent BMS**
- Cycle Life: > 6000**
- Warranty: 10 years**



Safety

Hibernium[®] battery modules feature market's only fire suppression system that does not require active monitoring systems. It is designed as an always-on quick acting system that extinguishes fire in-situ, on a cell level. Battery cell thermal events are suppressed within seconds.

EV Fire Myths

Xerotech bring a multilayered approach to battery safety, ensuring our batteries are amongst the safest solutions available on the market today. Thermal propagation prevention and fire suppression are integrated as standard. "Our battery systems lower the risk of fire in a more holistic way than in thermal engines," says Flannery.



Is Electrifying Agricultural Vehicles The Off-Highway ...

Xerotech's scalable battery platform makes it an ideal candidate for powering such equipment and taking on what it is possibly the off-highway market's biggest challenge. Our world-leading safety solution is matched with ...

Xerotech Tests Modular Battery System Platform for Construction

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.



Meta System and Xerotech announce strategic partnership to ...

Xerotech, a leading European battery pack manufacturer has formed a partnership with Meta System, a Tier 1 supplier of automotive electronic systems, to help expand its offering and provide integrated battery systems to the NRMM market. Xerotech's Hibernium(TM) platform is the market's first battery system platform developed for low

Xerotech and Innolith Partner to Bring Groundbreaking Non

...

About Xerotech. Xerotech, founded in 2015 and headquartered in Ireland, is a leading manufacturer of advanced lithium-ion battery systems for use in industrial and commercial applications. Xerotech's Hibernium® platform is the market first battery system platform developed for low-volume high-diversity customers.



[Partnership , Xerotech](#)

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 electrification of a wide range of applications where fire safety is paramount. Xerotech visit SubSpace Energy Hub



[Configurability](#)

The risk of thermal propagation is virtually eliminated with Xerotech's proprietary module design by using a specially engineered fire-retardant structural foam. It's 85% lighter than solutions used by leading electric vehicle manufacturers. thermally insulating foam and an extremely conductive thermal management system results in a



[Best Practice Memo](#)

Recommended Safe Handling of Xerotech Battery Packs . Xerotech takes specific care when designing, manufacturing, packing and shipping battery systems. These best practice tips, while not exhaustive, help ensure a safe and productive EV program. Safe Storage: When storing batteries, several factors should be considered for safety and battery life.

[XT Case Studies - QME , Xerotech](#)

About Xerotech. Xerotech is an award-winning battery technology company solving one of our generation's most significant challenges, industrial electrification.. Driven by a shared vision of a fully electric future, our talented team is making an impact on a global scale as Xerotech provides the first truly credible path to

zero emissions and enables the electrification ...



[Support Documentation V 1](#)

2.1.2 Connect the communication connector with the power supply to the battery management system (BMS) and If you haven't been able to find a satisfactory answer, please contact us at support@xerotech

1.1 Battery Pack Details

1.1.1 Rating for Assembly Rating Value Rated voltage (Un) 1,000 V

Nexus

Our cutting-edge technology ensures optimal performance, longevity, and safety of your battery systems in demanding environments. Harnessing advanced features tailored specifically for off-road machinery, our BMS guarantees efficient power management, heightened reliability, and seamless integration, empowering your equipment to operate at peak efficiency while ...



Xerotech and Innolith Partner to Develop Non ...

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 ...



Mining EV battery systems company Xerotech

Xerotech, a world leader in advanced battery systems for non-road mobile machinery applications, has announced that it plans to hire over 100 new employees to meet the growing demand for its configurable battery pack ...



Is Electrifying Agricultural Vehicles The Off-Highway Market

Xerotech's scalable battery platform makes it an ideal candidate for powering such equipment and taking on what it is possibly the off-highway market's biggest challenge. Our world-leading safety solution is matched with operability across a wide temperature spectrum, ensuring peak performance in the toughest of conditions.

Contact Us

For catalog requests, pricing, or partnerships, please visit:
<https://www.ian-solar.co.za>